Appendix A

CalEEMod Data Assumptions and Results

Olympic Well Field Restoration and Arcadia WTP Expansion Project - Unmitigated

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	10.50	1000sqft	0.24	10,500.00	0
Industrial Park	1.00	1000sqft	0.00	1,000.00	0
User Defined Industrial	0.74	User Defined Unit	0.74	32,400.00	0
User Defined Industrial	0.63	User Defined Unit	0.63	27,300.00	0
Other Asphalt Surfaces	0.69	Acre	0.69	30,056.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Section 1.0 Project Characteristics. Project within SCE (well field and pipeline) and LADWP (WTP) jurisdiction. LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value).

Land Use - See 1.1 Land Usage for surrogate land use assumed for modeling.

Construction Phase - Applicant-provided schedule.

Off-road Equipment - Pipeline - Continual Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Continual Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Final Pavement Striping: Applicant-provided data.
Off-road Equipment - Pipeline - Final Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Installation: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Slurry Backfill: Applicant-provided data.

Off-road Equipment - Pipeline - Site Preparation: Applicant-provided data.

Off-road Equipment - Well - SM-10 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-10 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-10 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-11 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-11 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-11 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-8 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-8 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-8 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-9 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-9 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-9 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - WTP - Architectural Coating: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 1: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 2: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 3: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 4: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 5: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 6: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 7: Applicant-provided data.

Off-road Equipment - WTP - Demolition: Applicant-provided data.

Off-road Equipment - WTP - Paving: Applicant-provided data.

Off-road Equipment - WTP - Site Preparation and Grading: Applicant-provided data.

Trips and VMT - Applicant-provided trip information.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Demolition: WTP - Demolition. 5,725 SF total.

Grading - Applicant-provided grading information.

Architectural Coating - Calculated based on square footage of new buildings and asphalt surface striping.

Vehicle Trips - No net new worker operational trips anticipated. Minimal, infrequent net new truck deliveries anticipated (maximum 2 one-way trips per day).

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - Operational mobile source emissions not estimated.

Woodstoves - No hearths.

Consumer Products - CalEEMod default values.

Area Coating - Operational architectural coating for 10,500 SF of building (conservative as some surfaces would not require coating).

Landscape Equipment - No increase in landscape maintenance activity from existing conditions.

Energy Use - CalEEMod default values for General Light Industry.

Water And Wastewater - CalEEMod default values for water use. 100% aerobic.

Solid Waste - CalEEMod default values.

Construction Off-road Equipment Mitigation - Water Exposed Area, Frequency: 2 times per day.

Mobile Land Use Mitigation - No traffic mitigation.

Mobile Commute Mitigation - No traffic mitigation.

Area Mitigation - No area mitigation.

Energy Mitigation - No energy mitigation.

Water Mitigation - No water mitigation.

Waste Mitigation - Percent Reduction in Waste Disposed: 50%. Waste diversion consistent with Assembly Bill 939.

Operational Off-Road Equipment - No operational offroad equipment.

Fleet Mix - Industrial Park: 50% MHDT/50% HHDT.

Stationary Sources - User Defined - No operational stationary sources.

Olympic Well Field Restoration and Arcadia WTP Expansion Project - Unmitigated - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
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tblAreaCoating	Area_Parking	1803	1944
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tblWater	IndoorWaterUseRate	231,250.00	0.00
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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	0.8210	9.9442	8.2281	0.0273	0.8187	0.2212	1.0399	0.2101	0.2060	0.4161	0.0000	2,786.2322	2,786.2322	0.3728	0.0000	2,795.5513
2021	9.0423	13.9153	14.3968	0.0327	0.5625	0.5306	1.0931	0.1499	0.4891	0.6390	0.0000	3,275.3900	3,275.3900	0.6830	0.0000	3,292.4644
2022	3.4026	35.4462	31.3134	0.0649	6.6971	1.5875	8.2847	3.4589	1.4727	4.9317	0.0000	6,308.9103	6,308.9103	1.3628	0.0000	6,342.9793
2023	1.6625	2.0048	2.8362	8.1800e-003	0.2567	0.0956	0.3045	0.0663	0.0955	0.1348	0.0000	832.5120	832.5120	0.1229	0.0000	835.3837
Maximum	**9.0423**	**35.4462**	**31.3134**	**0.0649**	**6.6971**	**1.5875**	**8.2847**	**3.4589**	**1.4727**	**4.9317**	**0.0000**	**6,308.9103**	**6,308.9103**	**1.3628**	**0.0000**	**6,342.9793**

2.1 Overall Construction (Maximum Daily Emission)

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					
2020	0.8210	9.9442	8.2281	0.0273	0.7762	0.2212	0.9974	0.2052	0.2060	0.4112	0.0000	2,786.2322	2,786.2322	0.3728	0.0000	2,795.5513
2021	9.0423	13.9153	14.3968	0.0327	0.5510	0.5306	1.0817	0.1485	0.4891	0.6376	0.0000	3,275.3900	3,275.3900	0.6830	0.0000	3,292.4644
2022	3.4026	35.4462	31.3134	0.0649	3.2409	1.5875	4.8284	1.6174	1.4727	3.0901	0.0000	6,308.9103	6,308.9103	1.3628	0.0000	6,342.9793
2023	1.6625	2.0048	2.8362	8.1800e-003	0.2451	0.0956	0.2928	0.0650	0.0955	0.1348	0.0000	832.5120	832.5120	0.1229	0.0000	835.3837
Maximum	**9.0423**	**35.4462**	**31.3134**	**0.0649**	**3.2409**	**1.5875**	**4.8284**	**1.6174**	**1.4727**	**3.0901**	**0.0000**	**6,308.9103**	**6,308.9103**	**1.3628**	**0.0000**	**6,342.9793**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**42.25**	**0.00**	**32.85**	**47.60**	**0.00**	**30.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Energy	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Mobile	7.8000e-003	0.2198	0.0850	1.2000e-003	0.0370	4.3000e-004	0.0374	0.0106	4.1000e-004	0.0110		128.7513	128.7513	5.6800e-003		128.8932
Total	**1.4631**	**0.2709**	**0.1293**	**1.5100e-003**	**0.0370**	**4.3100e-003**	**0.0413**	**0.0106**	**4.2900e-003**	**0.0149**		**190.0113**	**190.0113**	**6.8600e-003**	**1.1200e-003**	**190.5175**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Energy	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Mobile	7.8000e-003	0.2198	0.0850	1.2000e-003	0.0370	4.3000e-004	0.0374	0.0106	4.1000e-004	0.0110		128.7513	128.7513	5.6800e-003		128.8932
Total	**1.4631**	**0.2709**	**0.1293**	**1.5100e-003**	**0.0370**	**4.3100e-003**	**0.0413**	**0.0106**	**4.2900e-003**	**0.0149**		**190.0113**	**190.0113**	**6.8600e-003**	**1.1200e-003**	**190.5175**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Well - SM-10 Grading - Well Pad	Grading	11/27/2020	12/10/2020	5	10	
2	Well - SM-8 Grading - Well Pad	Grading	11/27/2020	12/10/2020	5	10	
3	Well - SM-9 Grading Well Pad	Grading	11/27/2020	12/10/2020	5	10	
4	Well - SM-10 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25	
5	Well - SM-8 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25	
6	Well - SM-9 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25	
7	Well - SM-10 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15	
8	Well - SM-8 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15	
9	Well - SM-9 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15	
10	Pipeline - Site Preparation	Site Preparation	2/28/2021	3/5/2021	5	5	
11	Pipeline - Grading - Slurry Backfill	Grading	3/6/2021	5/28/2021	5	60	
12	Pipeline - Grading - Installation	Grading	3/6/2021	5/28/2021	5	60	
13	Pipeline - Continual Paving	Paving	3/6/2021	5/28/2021	5	60	
14	Pipeline - Continual Pavement Striping	Architectural Coating	3/6/2021	5/28/2021	5	60	
15	Pipeline - Final Paving	Paving	5/29/2021	6/11/2021	5	10	
16	Pipeline - Final Pavement Striping	Architectural Coating	6/14/2021	6/14/2021	5	1	
17	WTP - Demolition	Demolition	1/21/2022	2/24/2022	5	25	

18	WTP - Site Preparation and Grading	Grading	2/1/2022	2/28/2022	5	20	
19	WTP - Building Construction 3	Building Construction	3/1/2022	9/1/2022	5	133	
20	WTP - Building Construction 4	Building Construction	3/1/2022	9/15/2022	5	143	
21	WTP - Building Construction 1	Building Construction	3/1/2022	6/1/2022	5	67	
22	WTP - Building Construction 2	Building Construction	3/1/2022	7/1/2022	5	89	
23	WTP - Building Construction 5	Building Construction	4/1/2022	5/13/2022	5	31	
24	WTP - Building Construction 6	Building Construction	5/1/2022	9/1/2022	5	89	
25	WTP - Building Construction 7	Building Construction	8/1/2022	11/1/2022	5	67	
26	WTP - Architectural Coating	Architectural Coating	10/15/2022	1/24/2023	5	72	
27	WTP - Paving	Paving	11/1/2022	12/1/2022	5	23	
28	Well - SM-11 Grading - Well Pad	Grading	7/1/2023	7/14/2023	5	10	
29	Well - SM-11 Building Construction - Well Equipping	Building Construction	7/15/2023	8/18/2023	5	25	
30	Well - SM-11 Building Construction - Artistic Fencing	Building Construction	8/19/2023	9/8/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,944 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Well - SM-10 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-10 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-10 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-10 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40

Well - SM-10 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-8 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-8 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-8 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-8 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-8 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-9 Grading Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-9 Grading Well Pad	Excavators	1	4.00	158	0.38
Well - SM-9 Grading Well Pad	Graders	0	8.00	187	0.41
Well - SM-9 Grading Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-9 Grading Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-10 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-10 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-10 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-10 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-10 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-10 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-10 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-10 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-8 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-8 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-8 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-8 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-8 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74

Well - SM-8 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-8 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-8 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-9 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-9 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-9 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-9 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-9 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-9 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-9 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-10 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-10 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-10 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-10 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-10 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-10 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Well - SM-8 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-8 Building Construction - Artistic Fencing	Excavators	0	4.00	158	0.38
Well - SM-8 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-8 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20

Well - SM-8 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-8 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-8 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Well - SM-9 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-9 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-9 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-9 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-9 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Pipeline - Site Preparation	Graders	0	8.00	187	0.41
Pipeline - Site Preparation	Pavers	1	8.00	130	0.42
Pipeline - Site Preparation	Scrapers	0	8.00	367	0.48
Pipeline - Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Grading - Slurry Backfill	Cement and Mortar Mixers	1	4.00	9	0.56
Pipeline - Grading - Slurry Backfill	Graders	0	8.00	187	0.41
Pipeline - Grading - Slurry Backfill	Rubber Tired Dozers	0	8.00	247	0.40
Pipeline - Grading - Slurry Backfill	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Grading - Installation	Excavators	2	8.00	158	0.38
Pipeline - Grading - Installation	Graders	0	8.00	187	0.41
Pipeline - Grading - Installation	Rollers	1	4.00	80	0.38
Pipeline - Grading - Installation	Rubber Tired Dozers	0	8.00	247	0.40
Pipeline - Grading - Installation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Continual Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Pipeline - Continual Paving	Pavers	1	8.00	130	0.42
Pipeline - Continual Paving	Paving Equipment	0	8.00	132	0.36

Pipeline - Continual Paving	Rollers	1	8.00	80	0.38
Pipeline - Continual Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Continual Pavement Striping	Air Compressors	0	6.00	78	0.48
Pipeline - Final Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Pipeline - Final Paving	Pavers	1	8.00	130	0.42
Pipeline - Final Paving	Paving Equipment	1	8.00	320	0.36
Pipeline - Final Paving	Rollers	1	8.00	80	0.38
Pipeline - Final Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Final Pavement Striping	Air Compressors	0	6.00	78	0.48
WTP - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
WTP - Demolition	Rubber Tired Dozers	1	8.00	247	0.40
WTP - Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
WTP - Site Preparation and Grading	Graders	1	8.00	187	0.41
WTP - Site Preparation and Grading	Rubber Tired Dozers	1	8.00	247	0.40
WTP - Site Preparation and Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
WTP - Building Construction 3	Cranes	0	8.00	231	0.29
WTP - Building Construction 3	Forklifts	0	7.00	89	0.20
WTP - Building Construction 3	Generator Sets	1	8.00	84	0.74
WTP - Building Construction 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
WTP - Building Construction 3	Welders	0	8.00	46	0.45
WTP - Building Construction 4	Cranes	1	2.00	231	0.29
WTP - Building Construction 4	Forklifts	0	7.00	89	0.20
WTP - Building Construction 4	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 4	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 4	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 4	Welders	0	8.00	46	0.45
WTP - Building Construction 1	Cranes	1	2.00	231	0.29

WTP - Building Construction 1	Forklifts	1	4.00	89	0.20
WTP - Building Construction 1	Generator Sets	1	8.00	84	0.74
WTP - Building Construction 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
WTP - Building Construction 1	Welders	0	8.00	46	0.45
WTP - Building Construction 2	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 2	Cranes	1	2.00	231	0.29
WTP - Building Construction 2	Forklifts	0	7.00	89	0.20
WTP - Building Construction 2	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 2	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 2	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 2	Welders	0	8.00	46	0.45
WTP - Building Construction 5	Cranes	0	8.00	231	0.29
WTP - Building Construction 5	Forklifts	0	7.00	89	0.20
WTP - Building Construction 5	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 5	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 5	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 5	Welders	0	8.00	46	0.45
WTP - Building Construction 6	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 6	Bore/Drill Rigs	1	8.00	221	0.50
WTP - Building Construction 6	Cranes	1	2.00	231	0.29
WTP - Building Construction 6	Excavators	1	4.00	158	0.38
WTP - Building Construction 6	Forklifts	0	7.00	89	0.20
WTP - Building Construction 6	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 6	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 6	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 6	Welders	0	8.00	46	0.45
WTP - Building Construction 7	Aerial Lifts	1	4.00	63	0.31

WTP - Building Construction 7	Cranes	1	2.00	231	0.29
WTP - Building Construction 7	Forklifts	0	7.00	89	0.20
WTP - Building Construction 7	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 7	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 7	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 7	Welders	0	8.00	46	0.45
WTP - Architectural Coating	Air Compressors	1	8.00	78	0.48
WTP - Paving	Cement and Mortar Mixers	0	8.00	9	0.56
WTP - Paving	Pavers	1	8.00	130	0.42
WTP - Paving	Paving Equipment	0	8.00	132	0.36
WTP - Paving	Rollers	1	8.00	80	0.38
WTP - Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Well - SM-11 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-11 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-11 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-11 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-11 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-11 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-11 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-11 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-11 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-11 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-11 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-11 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-11 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29

Well - SM-11 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-11 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-11 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-11 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-11 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45

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
Well - SM-10 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Grading Well Pad	2	12.00	6.00	56.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-10 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-10 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Site Preparation	1	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Slurry Backfill	1	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Installation	3	12.00	4.00	510.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Paving	2	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Paving	3	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Demolition	5	14.00	0.00	70.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

WTP - Site Preparation and Gradi	4	12.00	0.00	84.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 3	2	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 4	2	16.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 1	4	10.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 2	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 5	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 6	5	24.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 7	3	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Architectural Coating	1	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Paving	2	12.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Well - SM-10 Grading - Well Pad - 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					0.0213	0.0000	0.0213	2.4300e-003	0.0000	2.4300e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609		275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0213**	**0.0656**	**0.0868**	**2.4300e-003**	**0.0609**	**0.0633**		**275.3174**	**275.3174**	**0.0835**		**277.4048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0322	1.0486	0.2438	2.7900e-003	0.0629	3.3500e-003	0.0663	0.0173	3.2100e-003	0.0205		302.7939	302.7939	0.0217		303.3372
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1158**	**1.7302**	**0.9094**	**5.6300e-003**	**0.2355**	**7.5200e-003**	**0.2430**	**0.0639**	**7.1600e-003**	**0.0711**		**597.3538**	**597.3538**	**0.0367**		**598.2721**

3.2 Well - SM-10 Grading - Well Pad - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5600e-003	0.0000	9.5600e-003	1.1000e-003	0.0000	1.1000e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**9.5600e-003**	**0.0656**	**0.0752**	**1.1000e-003**	**0.0609**	**0.0620**	**0.0000**	**275.3174**	**275.3174**	**0.0835**		**277.4048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0322	1.0486	0.2438	2.7900e-003	0.0629	3.3500e-003	0.0663	0.0173	3.2100e-003	0.0205		302.7939	302.7939	0.0217		303.3372
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1158**	**1.7302**	**0.9094**	**5.6300e-003**	**0.2355**	**7.5200e-003**	**0.2430**	**0.0639**	**7.1600e-003**	**0.0711**		**597.3538**	**597.3538**	**0.0367**		**598.2721**

3.3 Well - SM-8 Grading - Well Pad - 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					0.0213	0.0000	0.0213	2.4300e-003	0.0000	2.4300e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609		275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0213**	**0.0656**	**0.0868**	**2.4300e-003**	**0.0609**	**0.0633**		**275.3174**	**275.3174**	**0.0835**		**277.4048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0322	1.0486	0.2438	2.7900e-003	0.0629	3.3500e-003	0.0663	0.0173	3.2100e-003	0.0205		302.7939	302.7939	0.0217		303.3372
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1158**	**1.7302**	**0.9094**	**5.6300e-003**	**0.2355**	**7.5200e-003**	**0.2430**	**0.0639**	**7.1600e-003**	**0.0711**		**597.3538**	**597.3538**	**0.0367**		**598.2721**

3.3 Well - SM-8 Grading - Well Pad - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5600e-003	0.0000	9.5600e-003	1.1000e-003	0.0000	1.1000e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**9.5600e-003**	**0.0656**	**0.0752**	**1.1000e-003**	**0.0609**	**0.0620**	**0.0000**	**275.3174**	**275.3174**	**0.0835**		**277.4048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0322	1.0486	0.2438	2.7900e-003	0.0629	3.3500e-003	0.0663	0.0173	3.2100e-003	0.0205		302.7939	302.7939	0.0217		303.3372
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1158**	**1.7302**	**0.9094**	**5.6300e-003**	**0.2355**	**7.5200e-003**	**0.2430**	**0.0639**	**7.1600e-003**	**0.0711**		**597.3538**	**597.3538**	**0.0367**		**598.2721**

3.4 Well - SM-9 Grading Well Pad - 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					0.0348	0.0000	0.0348	3.9800e-003	0.0000	3.9800e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609		275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0348**	**0.0656**	**0.1004**	**3.9800e-003**	**0.0609**	**0.0649**		**275.3174**	**275.3174**	**0.0835**		**277.4048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0501	1.6311	0.3792	4.3500e-003	0.0979	5.2200e-003	0.1031	0.0268	4.9900e-003	0.0318		471.0127	471.0127	0.0338		471.8579
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1337**	**2.3127**	**1.0449**	**7.1900e-003**	**0.2705**	**9.3900e-003**	**0.2798**	**0.0735**	**8.9400e-003**	**0.0824**		**765.5726**	**765.5726**	**0.0488**		**766.7928**

3.4 Well - SM-9 Grading Well Pad - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0157	0.0000	0.0157	1.7900e-003	0.0000	1.7900e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0157**	**0.0656**	**0.0812**	**1.7900e-003**	**0.0609**	**0.0627**	**0.0000**	**275.3174**	**275.3174**	**0.0835**		**277.4048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0501	1.6311	0.3792	4.3500e-003	0.0979	5.2200e-003	0.1031	0.0268	4.9900e-003	0.0318		471.0127	471.0127	0.0338		471.8579
Vendor	0.0223	0.6381	0.1844	1.5100e-003	0.0384	3.0500e-003	0.0415	0.0111	2.9200e-003	0.0140		161.6694	161.6694	0.0108		161.9397
Worker	0.0613	0.0435	0.4812	1.3300e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		132.8905	132.8905	4.1900e-003		132.9952
Total	**0.1337**	**2.3127**	**1.0449**	**7.1900e-003**	**0.2705**	**9.3900e-003**	**0.2798**	**0.0735**	**8.9400e-003**	**0.0824**		**765.5726**	**765.5726**	**0.0488**		**766.7928**

3.5 Well - SM-10 Building Construction - Well Equipping - 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	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654		363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**		**363.7851**	**363.7851**	**0.1177**		**366.7265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.4400e-003	0.2127	0.0615	5.0000e-004	0.0128	1.0200e-003	0.0138	3.6900e-003	9.7000e-004	4.6600e-003		53.8898	53.8898	3.6000e-003		53.9799
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.0483**	**0.2417**	**0.3823**	**1.3900e-003**	**0.1022**	**1.7700e-003**	**0.1040**	**0.0274**	**1.6600e-003**	**0.0291**		**142.4834**	**142.4834**	**6.3900e-003**		**142.6433**

3.5 Well - SM-10 Building Construction - Well Equipping - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**	**0.0000**	**363.7851**	**363.7851**	**0.1177**		**366.7265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.4400e-003	0.2127	0.0615	5.0000e-004	0.0128	1.0200e-003	0.0138	3.6900e-003	9.7000e-004	4.6600e-003		53.8898	53.8898	3.6000e-003		53.9799
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.0483**	**0.2417**	**0.3823**	**1.3900e-003**	**0.1022**	**1.7700e-003**	**0.1040**	**0.0274**	**1.6600e-003**	**0.0291**		**142.4834**	**142.4834**	**6.3900e-003**		**142.6433**

3.5 Well - SM-10 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586		364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**		**364.1038**	**364.1038**	**0.1178**		**367.0478**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.5 Well - SM-10 Building Construction - Well Equipping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**	**0.0000**	**364.1038**	**364.1038**	**0.1178**		**367.0478**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.6 Well - SM-8 Building Construction - Well Equipping - 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	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654		363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**		**363.7851**	**363.7851**	**0.1177**		**366.7265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.4400e-003	0.2127	0.0615	5.0000e-004	0.0128	1.0200e-003	0.0138	3.6900e-003	9.7000e-004	4.6600e-003		53.8898	53.8898	3.6000e-003		53.9799
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.0483**	**0.2417**	**0.3823**	**1.3900e-003**	**0.1022**	**1.7700e-003**	**0.1040**	**0.0274**	**1.6600e-003**	**0.0291**		**142.4834**	**142.4834**	**6.3900e-003**		**142.6433**

3.6 Well - SM-8 Building Construction - Well Equipping - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**	**0.0000**	**363.7851**	**363.7851**	**0.1177**		**366.7265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.4400e-003	0.2127	0.0615	5.0000e-004	0.0128	1.0200e-003	0.0138	3.6900e-003	9.7000e-004	4.6600e-003		53.8898	53.8898	3.6000e-003		53.9799
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.0483**	**0.2417**	**0.3823**	**1.3900e-003**	**0.1022**	**1.7700e-003**	**0.1040**	**0.0274**	**1.6600e-003**	**0.0291**		**142.4834**	**142.4834**	**6.3900e-003**		**142.6433**

3.6 Well - SM-8 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586		364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**		**364.1038**	**364.1038**	**0.1178**		**367.0478**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.6 Well - SM-8 Building Construction - Well Equipping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**	**0.0000**	**364.1038**	**364.1038**	**0.1178**		**367.0478**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.7 Well - SM-9 Building Construction - Well Equipping - 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	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654		363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**		**363.7851**	**363.7851**	**0.1177**		**366.7265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.4400e-003	0.2127	0.0615	5.0000e-004	0.0128	1.0200e-003	0.0138	3.6900e-003	9.7000e-004	4.6600e-003		53.8898	53.8898	3.6000e-003		53.9799
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.0483**	**0.2417**	**0.3823**	**1.3900e-003**	**0.1022**	**1.7700e-003**	**0.1040**	**0.0274**	**1.6600e-003**	**0.0291**		**142.4834**	**142.4834**	**6.3900e-003**		**142.6433**

3.7 Well - SM-9 Building Construction - Well Equipping - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**	**0.0000**	**363.7851**	**363.7851**	**0.1177**		**366.7265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.4400e-003	0.2127	0.0615	5.0000e-004	0.0128	1.0200e-003	0.0138	3.6900e-003	9.7000e-004	4.6600e-003		53.8898	53.8898	3.6000e-003		53.9799
Worker	0.0409	0.0290	0.3208	8.9000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		88.5936	88.5936	2.7900e-003		88.6634
Total	**0.0483**	**0.2417**	**0.3823**	**1.3900e-003**	**0.1022**	**1.7700e-003**	**0.1040**	**0.0274**	**1.6600e-003**	**0.0291**		**142.4834**	**142.4834**	**6.3900e-003**		**142.6433**

3.7 Well - SM-9 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586		364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**		**364.1038**	**364.1038**	**0.1178**		**367.0478**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.7 Well - SM-9 Building Construction - Well Equipping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**	**0.0000**	**364.1038**	**364.1038**	**0.1178**		**367.0478**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480		250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**		**250.0960**	**250.0960**	**0.0809**		**252.1181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**	**0.0000**	**250.0960**	**250.0960**	**0.0809**		**252.1181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480		250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**		**250.0960**	**250.0960**	**0.0809**		**252.1181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**	**0.0000**	**250.0960**	**250.0960**	**0.0809**		**252.1181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480		250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**		**250.0960**	**250.0960**	**0.0809**		**252.1181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**	**0.0000**	**250.0960**	**250.0960**	**0.0809**		**252.1181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.3800e-003	0.1938	0.0562	5.0000e-004	0.0128	4.1000e-004	0.0132	3.6900e-003	3.9000e-004	4.0800e-003		53.4691	53.4691	3.4500e-003		53.5554
Worker	0.0382	0.0261	0.2946	8.6000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		85.7801	85.7801	2.5200e-003		85.8432
Total	**0.0445**	**0.2199**	**0.3508**	**1.3600e-003**	**0.1022**	**1.1300e-003**	**0.1034**	**0.0274**	**1.0600e-003**	**0.0285**		**139.2492**	**139.2492**	**5.9700e-003**		**139.3986**

3.11 Pipeline - Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2462	2.5950	2.9048	4.7000e-003		0.1254	0.1254		0.1154	0.1154		455.0608	455.0608	0.1472		458.7402
Total	**0.2462**	**2.5950**	**2.9048**	**4.7000e-003**	**0.0000**	**0.1254**	**0.1254**	**0.0000**	**0.1154**	**0.1154**		**455.0608**	**455.0608**	**0.1472**		**458.7402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	**0.0604**	**0.4202**	**0.4806**	**2.0800e-003**	**0.1374**	**1.7200e-003**	**0.1391**	**0.0370**	**1.6100e-003**	**0.0386**		**214.1633**	**214.1633**	**0.0101**		**214.4148**

3.11 Pipeline - Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2462	2.5950	2.9048	4.7000e-003		0.1254	0.1254		0.1154	0.1154	0.0000	455.0608	455.0608	0.1472		458.7402
Total	**0.2462**	**2.5950**	**2.9048**	**4.7000e-003**	**0.0000**	**0.1254**	**0.1254**	**0.0000**	**0.1154**	**0.1154**	**0.0000**	**455.0608**	**455.0608**	**0.1472**		**458.7402**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0477	0.0326	0.3683	1.0800e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		107.2251	107.2251	3.1600e-003		107.3040
Total	**0.0604**	**0.4202**	**0.4806**	**2.0800e-003**	**0.1374**	**1.7200e-003**	**0.1391**	**0.0370**	**1.6100e-003**	**0.0386**		**214.1633**	**214.1633**	**0.0101**		**214.4148**

3.12 Pipeline - Grading - Slurry Backfill - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003		25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**		**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.0318**	**0.4006**	**0.2596**	**1.4300e-003**	**0.0703**	**1.1800e-003**	**0.0715**	**0.0192**	**1.1100e-003**	**0.0204**		**149.8283**	**149.8283**	**8.1600e-003**		**150.0324**

3.12 Pipeline - Grading - Slurry Backfill - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003	0.0000	25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.0318**	**0.4006**	**0.2596**	**1.4300e-003**	**0.0703**	**1.1800e-003**	**0.0715**	**0.0192**	**1.1100e-003**	**0.0204**		**149.8283**	**149.8283**	**8.1600e-003**		**150.0324**

3.13 Pipeline - Grading - Installation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0208	0.0000	0.0208	2.5800e-003	0.0000	2.5800e-003			0.0000			0.0000
Off-Road	0.5531	5.2689	7.4838	0.0117		0.2677	0.2677		0.2463	0.2463		1,127.4284	1,127.4284	0.3646		1,136.5442
Total	**0.5531**	**5.2689**	**7.4838**	**0.0117**	**0.0208**	**0.2677**	**0.2885**	**2.5800e-003**	**0.2463**	**0.2489**		**1,127.4284**	**1,127.4284**	**0.3646**		**1,136.5442**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0726	2.3080	0.5669	6.5200e-003	0.1486	7.1000e-003	0.1557	0.0407	6.8000e-003	0.0475		707.0156	707.0156	0.0506		708.2793
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0572	0.0391	0.4419	1.2900e-003	0.1341	1.0800e-003	0.1352	0.0356	1.0000e-003	0.0366		128.6701	128.6701	3.7900e-003		128.7648
Total	**0.1426**	**2.7347**	**1.1211**	**8.8100e-003**	**0.3084**	**9.0000e-003**	**0.3174**	**0.0837**	**8.5800e-003**	**0.0923**		**942.6240**	**942.6240**	**0.0612**		**944.1549**

3.13 Pipeline - Grading - Installation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400e-003	0.0000	9.3400e-003	1.1600e-003	0.0000	1.1600e-003			0.0000			0.0000
Off-Road	0.5531	5.2689	7.4838	0.0117		0.2677	0.2677		0.2463	0.2463	0.0000	1,127.4284	1,127.4284	0.3646		1,136.5442
Total	**0.5531**	**5.2689**	**7.4838**	**0.0117**	**9.3400e-003**	**0.2677**	**0.2770**	**1.1600e-003**	**0.2463**	**0.2474**	**0.0000**	**1,127.4284**	**1,127.4284**	**0.3646**		**1,136.5442**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0726	2.3080	0.5669	6.5200e-003	0.1486	7.1000e-003	0.1557	0.0407	6.8000e-003	0.0475		707.0156	707.0156	0.0506		708.2793
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0572	0.0391	0.4419	1.2900e-003	0.1341	1.0800e-003	0.1352	0.0356	1.0000e-003	0.0366		128.6701	128.6701	3.7900e-003		128.7648
Total	**0.1426**	**2.7347**	**1.1211**	**8.8100e-003**	**0.3084**	**9.0000e-003**	**0.3174**	**0.0837**	**8.5800e-003**	**0.0923**		**942.6240**	**942.6240**	**0.0612**		**944.1549**

3.14 Pipeline - Continual Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236		709.1497	709.1497	0.2294		714.8836
Paving	0.0301					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4659**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**		**709.1497**	**709.1497**	**0.2294**		**714.8836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0286	0.0196	0.2210	6.5000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		64.3351	64.3351	1.8900e-003		64.3824
Total	**0.0414**	**0.4071**	**0.3333**	**1.6500e-003**	**0.0927**	**1.3600e-003**	**0.0940**	**0.0252**	**1.2800e-003**	**0.0265**		**171.2733**	**171.2733**	**8.7900e-003**		**171.4932**

3.14 Pipeline - Continual Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236	0.0000	709.1497	709.1497	0.2294		714.8836
Paving	0.0301					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4659**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**	**0.0000**	**709.1497**	**709.1497**	**0.2294**		**714.8836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0286	0.0196	0.2210	6.5000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		64.3351	64.3351	1.8900e-003		64.3824
Total	**0.0414**	**0.4071**	**0.3333**	**1.6500e-003**	**0.0927**	**1.3600e-003**	**0.0940**	**0.0252**	**1.2800e-003**	**0.0265**		**171.2733**	**171.2733**	**8.7900e-003**		**171.4932**

3.15 Pipeline - Continual Pavement Striping - 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					
Archit. Coating	0.1502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1502**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.0318**	**0.4006**	**0.2596**	**1.4300e-003**	**0.0703**	**1.1800e-003**	**0.0715**	**0.0192**	**1.1100e-003**	**0.0204**		**149.8283**	**149.8283**	**8.1600e-003**		**150.0324**

3.15 Pipeline - Continual Pavement Striping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.1502**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.0318**	**0.4006**	**0.2596**	**1.4300e-003**	**0.0703**	**1.1800e-003**	**0.0715**	**0.0192**	**1.1100e-003**	**0.0204**		**149.8283**	**149.8283**	**8.1600e-003**		**150.0324**

3.16 Pipeline - Final Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236		709.1497	709.1497	0.2294		714.8836
Paving	0.1808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6165**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**		**709.1497**	**709.1497**	**0.2294**		**714.8836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0286	0.0196	0.2210	6.5000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		64.3351	64.3351	1.8900e-003		64.3824
Total	**0.0414**	**0.4071**	**0.3333**	**1.6500e-003**	**0.0927**	**1.3600e-003**	**0.0940**	**0.0252**	**1.2800e-003**	**0.0265**		**171.2733**	**171.2733**	**8.7900e-003**		**171.4932**

3.16 Pipeline - Final Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236	0.0000	709.1497	709.1497	0.2294		714.8836
Paving	0.1808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6165**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**	**0.0000**	**709.1497**	**709.1497**	**0.2294**		**714.8836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0286	0.0196	0.2210	6.5000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		64.3351	64.3351	1.8900e-003		64.3824
Total	**0.0414**	**0.4071**	**0.3333**	**1.6500e-003**	**0.0927**	**1.3600e-003**	**0.0940**	**0.0252**	**1.2800e-003**	**0.0265**		**171.2733**	**171.2733**	**8.7900e-003**		**171.4932**

3.17 Pipeline - Final Pavement Striping - 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					
Archit. Coating	9.0104					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**9.0104**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.0318**	**0.4006**	**0.2596**	**1.4300e-003**	**0.0703**	**1.1800e-003**	**0.0715**	**0.0192**	**1.1100e-003**	**0.0204**		**149.8283**	**149.8283**	**8.1600e-003**		**150.0324**

3.17 Pipeline - Final Pavement Striping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.0104					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**9.0104**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0128	0.3876	0.1123	1.0000e-003	0.0256	8.2000e-004	0.0264	7.3700e-003	7.8000e-004	8.1600e-003		106.9382	106.9382	6.9000e-003		107.1108
Worker	0.0191	0.0131	0.1473	4.3000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		42.8900	42.8900	1.2600e-003		42.9216
Total	**0.0318**	**0.4006**	**0.2596**	**1.4300e-003**	**0.0703**	**1.1800e-003**	**0.0715**	**0.0192**	**1.1100e-003**	**0.0204**		**149.8283**	**149.8283**	**8.1600e-003**		**150.0324**

3.18 WTP - Demolition - 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					0.2254	0.0000	0.2254	0.0341	0.0000	0.0341			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**1.6889**	**16.6217**	**13.9605**	**0.0241**	**0.2254**	**0.8379**	**1.0633**	**0.0341**	**0.7829**	**0.8170**		**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0228	0.7057	0.1845	2.1200e-003	0.0490	2.0300e-003	0.0510	0.0134	1.9500e-003	0.0154		230.1087	230.1087	0.0164		230.5183
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0412	0.4749	1.4500e-003	0.1565	1.2200e-003	0.1577	0.0415	1.1300e-003	0.0426		144.8397	144.8397	3.9900e-003		144.9394
Total	**0.0855**	**0.7469**	**0.6593**	**3.5700e-003**	**0.2055**	**3.2500e-003**	**0.2087**	**0.0549**	**3.0800e-003**	**0.0580**		**374.9484**	**374.9484**	**0.0204**		**375.4577**

3.18 WTP - Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1014	0.0000	0.1014	0.0154	0.0000	0.0154			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**1.6889**	**16.6217**	**13.9605**	**0.0241**	**0.1014**	**0.8379**	**0.9393**	**0.0154**	**0.7829**	**0.7982**	**0.0000**	**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0228	0.7057	0.1845	2.1200e-003	0.0490	2.0300e-003	0.0510	0.0134	1.9500e-003	0.0154		230.1087	230.1087	0.0164		230.5183
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0627	0.0412	0.4749	1.4500e-003	0.1565	1.2200e-003	0.1577	0.0415	1.1300e-003	0.0426		144.8397	144.8397	3.9900e-003		144.9394
Total	**0.0855**	**0.7469**	**0.6593**	**3.5700e-003**	**0.2055**	**3.2500e-003**	**0.2087**	**0.0549**	**3.0800e-003**	**0.0580**		**374.9484**	**374.9484**	**0.0204**		**375.4577**

3.19 WTP - Site Preparation and Grading - 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					6.0587	0.0000	6.0587	3.3142	0.0000	3.3142			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
Total	**1.5403**	**16.9836**	**9.2202**	**0.0206**	**6.0587**	**0.7423**	**6.8010**	**3.3142**	**0.6829**	**3.9971**		**1,995.4825**	**1,995.4825**	**0.6454**		**2,011.6169**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0341	1.0585	0.2767	3.1800e-003	0.0734	3.0500e-003	0.0765	0.0201	2.9200e-003	0.0231		345.1630	345.1630	0.0246		345.7774
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0879**	**1.0939**	**0.6837**	**4.4300e-003**	**0.2076**	**4.1000e-003**	**0.2117**	**0.0557**	**3.8900e-003**	**0.0596**		**469.3114**	**469.3114**	**0.0280**		**470.0112**

3.19 WTP - Site Preparation and Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7264	0.0000	2.7264	1.4914	0.0000	1.4914			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	**1.5403**	**16.9836**	**9.2202**	**0.0206**	**2.7264**	**0.7423**	**3.4687**	**1.4914**	**0.6829**	**2.1743**	**0.0000**	**1,995.4825**	**1,995.4825**	**0.6454**		**2,011.6169**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0341	1.0585	0.2767	3.1800e-003	0.0734	3.0500e-003	0.0765	0.0201	2.9200e-003	0.0231		345.1630	345.1630	0.0246		345.7774
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0879**	**1.0939**	**0.6837**	**4.4300e-003**	**0.2076**	**4.1000e-003**	**0.2117**	**0.0557**	**3.8900e-003**	**0.0596**		**469.3114**	**469.3114**	**0.0280**		**470.0112**

3.20 WTP - Building Construction 3 - 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					
Off-Road	0.4947	4.6039	5.9139	9.6900e-003		0.2370	0.2370		0.2298	0.2298		924.2735	924.2735	0.1270		927.4492
Total	**0.4947**	**4.6039**	**5.9139**	**9.6900e-003**		**0.2370**	**0.2370**		**0.2298**	**0.2298**		**924.2735**	**924.2735**	**0.1270**		**927.4492**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0597**	**0.2195**	**0.4602**	**1.7500e-003**	**0.1469**	**1.4100e-003**	**0.1483**	**0.0393**	**1.3100e-003**	**0.0406**		**177.1424**	**177.1424**	**6.7500e-003**		**177.3111**

3.20 WTP - Building Construction 3 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4947	4.6039	5.9139	9.6900e-003		0.2370	0.2370		0.2298	0.2298	0.0000	924.2735	924.2735	0.1270		927.4492
Total	**0.4947**	**4.6039**	**5.9139**	**9.6900e-003**		**0.2370**	**0.2370**		**0.2298**	**0.2298**	**0.0000**	**924.2735**	**924.2735**	**0.1270**		**927.4492**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0597**	**0.2195**	**0.4602**	**1.7500e-003**	**0.1469**	**1.4100e-003**	**0.1483**	**0.0393**	**1.3100e-003**	**0.0406**		**177.1424**	**177.1424**	**6.7500e-003**		**177.3111**

3.21 WTP - Building Construction 4 - 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					
Off-Road	0.2051	2.5264	2.7615	4.8900e-003		0.0951	0.0951		0.0875	0.0875		473.4621	473.4621	0.1531		477.2902
Total	**0.2051**	**2.5264**	**2.7615**	**4.8900e-003**		**0.0951**	**0.0951**		**0.0875**	**0.0875**		**473.4621**	**473.4621**	**0.1531**		**477.2902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0717	0.0471	0.5427	1.6600e-003	0.1788	1.4000e-003	0.1802	0.0474	1.2900e-003	0.0487		165.5311	165.5311	4.5600e-003		165.6451
Total	**0.0776**	**0.2313**	**0.5958**	**2.1600e-003**	**0.1916**	**1.7600e-003**	**0.1934**	**0.0511**	**1.6300e-003**	**0.0528**		**218.5252**	**218.5252**	**7.8900e-003**		**218.7224**

3.21 WTP - Building Construction 4 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2051	2.5264	2.7615	4.8900e-003		0.0951	0.0951		0.0875	0.0875	0.0000	473.4621	473.4621	0.1531		477.2902
Total	**0.2051**	**2.5264**	**2.7615**	**4.8900e-003**		**0.0951**	**0.0951**		**0.0875**	**0.0875**	**0.0000**	**473.4621**	**473.4621**	**0.1531**		**477.2902**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0717	0.0471	0.5427	1.6600e-003	0.1788	1.4000e-003	0.1802	0.0474	1.2900e-003	0.0487		165.5311	165.5311	4.5600e-003		165.6451
Total	**0.0776**	**0.2313**	**0.5958**	**2.1600e-003**	**0.1916**	**1.7600e-003**	**0.1934**	**0.0511**	**1.6300e-003**	**0.0528**		**218.5252**	**218.5252**	**7.8900e-003**		**218.7224**

3.22 WTP - Building Construction 1 - 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					
Off-Road	0.6447	6.1774	6.9638	0.0119		0.3154	0.3154		0.3019	0.3019		1,137.9965	1,137.9965	0.1962		1,142.9003
Total	**0.6447**	**6.1774**	**6.9638**	**0.0119**		**0.3154**	**0.3154**		**0.3019**	**0.3019**		**1,137.9965**	**1,137.9965**	**0.1962**		**1,142.9003**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	**0.0508**	**0.2136**	**0.3923**	**1.5400e-003**	**0.1246**	**1.2300e-003**	**0.1258**	**0.0333**	**1.1500e-003**	**0.0345**		**156.4510**	**156.4510**	**6.1800e-003**		**156.6055**

3.22 WTP - Building Construction 1 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6447	6.1774	6.9638	0.0119		0.3154	0.3154		0.3019	0.3019	0.0000	1,137.9965	1,137.9965	0.1962		1,142.9003
Total	**0.6447**	**6.1774**	**6.9638**	**0.0119**		**0.3154**	**0.3154**		**0.3019**	**0.3019**	**0.0000**	**1,137.9965**	**1,137.9965**	**0.1962**		**1,142.9003**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0448	0.0295	0.3392	1.0400e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		103.4570	103.4570	2.8500e-003		103.5282
Total	**0.0508**	**0.2136**	**0.3923**	**1.5400e-003**	**0.1246**	**1.2300e-003**	**0.1258**	**0.0333**	**1.1500e-003**	**0.0345**		**156.4510**	**156.4510**	**6.1800e-003**		**156.6055**

3.23 WTP - Building Construction 2 - 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					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922		554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**		**554.7720**	**554.7720**	**0.1794**		**559.2576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0597**	**0.2195**	**0.4602**	**1.7500e-003**	**0.1469**	**1.4100e-003**	**0.1483**	**0.0393**	**1.3100e-003**	**0.0406**		**177.1424**	**177.1424**	**6.7500e-003**		**177.3111**

3.23 WTP - Building Construction 2 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**	**0.0000**	**554.7720**	**554.7720**	**0.1794**		**559.2576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0597**	**0.2195**	**0.4602**	**1.7500e-003**	**0.1469**	**1.4100e-003**	**0.1483**	**0.0393**	**1.3100e-003**	**0.0406**		**177.1424**	**177.1424**	**6.7500e-003**		**177.3111**

3.24 WTP - Building Construction 5 - 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					
Off-Road	0.1119	1.4803	2.2884	3.4500e-003		0.0516	0.0516		0.0475	0.0475		333.7545	333.7545	0.1079		336.4531
Total	**0.1119**	**1.4803**	**2.2884**	**3.4500e-003**		**0.0516**	**0.0516**		**0.0475**	**0.0475**		**333.7545**	**333.7545**	**0.1079**		**336.4531**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.0418**	**0.2077**	**0.3245**	**1.3300e-003**	**0.1022**	**1.0600e-003**	**0.1033**	**0.0274**	**9.8000e-004**	**0.0284**		**135.7596**	**135.7596**	**5.6100e-003**		**135.8999**

3.24 WTP - Building Construction 5 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1119	1.4803	2.2884	3.4500e-003		0.0516	0.0516		0.0475	0.0475	0.0000	333.7545	333.7545	0.1079		336.4531
Total	**0.1119**	**1.4803**	**2.2884**	**3.4500e-003**		**0.0516**	**0.0516**		**0.0475**	**0.0475**	**0.0000**	**333.7545**	**333.7545**	**0.1079**		**336.4531**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.0418**	**0.2077**	**0.3245**	**1.3300e-003**	**0.1022**	**1.0600e-003**	**0.1033**	**0.0274**	**9.8000e-004**	**0.0284**		**135.7596**	**135.7596**	**5.6100e-003**		**135.8999**

3.25 WTP - Building Construction 6 - 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					
Off-Road	0.5485	5.9614	6.9772	0.0178		0.2160	0.2160		0.1987	0.1987		1,718.3405	1,718.3405	0.5558		1,732.2341
Total	**0.5485**	**5.9614**	**6.9772**	**0.0178**		**0.2160**	**0.2160**		**0.1987**	**0.1987**		**1,718.3405**	**1,718.3405**	**0.5558**		**1,732.2341**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.1075	0.0707	0.8140	2.4900e-003	0.2683	2.1000e-003	0.2704	0.0711	1.9300e-003	0.0731		248.2967	248.2967	6.8400e-003		248.4676
Total	**0.1135**	**0.2549**	**0.8672**	**2.9900e-003**	**0.2811**	**2.4600e-003**	**0.2835**	**0.0748**	**2.2700e-003**	**0.0771**		**301.2907**	**301.2907**	**0.0102**		**301.5449**

3.25 WTP - Building Construction 6 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5485	5.9614	6.9772	0.0178		0.2160	0.2160		0.1987	0.1987	0.0000	1,718.3405	1,718.3405	0.5558		1,732.2341
Total	**0.5485**	**5.9614**	**6.9772**	**0.0178**		**0.2160**	**0.2160**		**0.1987**	**0.1987**	**0.0000**	**1,718.3405**	**1,718.3405**	**0.5558**		**1,732.2341**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.1075	0.0707	0.8140	2.4900e-003	0.2683	2.1000e-003	0.2704	0.0711	1.9300e-003	0.0731		248.2967	248.2967	6.8400e-003		248.4676
Total	**0.1135**	**0.2549**	**0.8672**	**2.9900e-003**	**0.2811**	**2.4600e-003**	**0.2835**	**0.0748**	**2.2700e-003**	**0.0771**		**301.2907**	**301.2907**	**0.0102**		**301.5449**

3.26 WTP - Building Construction 7 - 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					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922		554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**		**554.7720**	**554.7720**	**0.1794**		**559.2576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.0418**	**0.2077**	**0.3245**	**1.3300e-003**	**0.1022**	**1.0600e-003**	**0.1033**	**0.0274**	**9.8000e-004**	**0.0284**		**135.7596**	**135.7596**	**5.6100e-003**		**135.8999**

3.26 WTP - Building Construction 7 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**	**0.0000**	**554.7720**	**554.7720**	**0.1794**		**559.2576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0358	0.0236	0.2713	8.3000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		82.7656	82.7656	2.2800e-003		82.8225
Total	**0.0418**	**0.2077**	**0.3245**	**1.3300e-003**	**0.1022**	**1.0600e-003**	**0.1033**	**0.0274**	**9.8000e-004**	**0.0284**		**135.7596**	**135.7596**	**5.6100e-003**		**135.8999**

3.27 WTP - Architectural Coating - 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					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**1.6246**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0597**	**0.2195**	**0.4602**	**1.7500e-003**	**0.1469**	**1.4100e-003**	**0.1483**	**0.0393**	**1.3100e-003**	**0.0406**		**177.1424**	**177.1424**	**6.7500e-003**		**177.3111**

3.27 WTP - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.6246**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.9900e-003	0.1842	0.0532	5.0000e-004	0.0128	3.6000e-004	0.0132	3.6900e-003	3.4000e-004	4.0300e-003		52.9941	52.9941	3.3300e-003		53.0773
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0597**	**0.2195**	**0.4602**	**1.7500e-003**	**0.1469**	**1.4100e-003**	**0.1483**	**0.0393**	**1.3100e-003**	**0.0406**		**177.1424**	**177.1424**	**6.7500e-003**		**177.3111**

3.27 WTP - Architectural Coating - 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					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.6074**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0506	0.0320	0.3741	1.2000e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		119.6065	119.6065	3.0800e-003		119.6834
Total	**0.0551**	**0.1715**	**0.4214**	**1.6800e-003**	**0.1469**	**1.1900e-003**	**0.1481**	**0.0393**	**1.1000e-003**	**0.0404**		**170.9547**	**170.9547**	**6.0100e-003**		**171.1050**

3.27 WTP - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.6074**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0506	0.0320	0.3741	1.2000e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		119.6065	119.6065	3.0800e-003		119.6834
Total	**0.0551**	**0.1715**	**0.4214**	**1.6800e-003**	**0.1469**	**1.1900e-003**	**0.1481**	**0.0393**	**1.1000e-003**	**0.0404**		**170.9547**	**170.9547**	**6.0100e-003**		**171.1050**

3.28 WTP - Paving - 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					
Off-Road	0.3732	3.8248	4.7443	7.3300e-003		0.1992	0.1992		0.1833	0.1833		709.3618	709.3618	0.2294		715.0973
Paving	0.0786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4518**	**3.8248**	**4.7443**	**7.3300e-003**		**0.1992**	**0.1992**		**0.1833**	**0.1833**		**709.3618**	**709.3618**	**0.2294**		**715.0973**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0120	0.3683	0.1063	9.9000e-004	0.0256	7.2000e-004	0.0263	7.3700e-003	6.9000e-004	8.0600e-003		105.9881	105.9881	6.6600e-003		106.1546
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0657**	**0.4037**	**0.5133**	**2.2400e-003**	**0.1597**	**1.7700e-003**	**0.1615**	**0.0429**	**1.6600e-003**	**0.0446**		**230.1364**	**230.1364**	**0.0101**		**230.3884**

3.28 WTP - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3732	3.8248	4.7443	7.3300e-003		0.1992	0.1992		0.1833	0.1833	0.0000	709.3618	709.3618	0.2294		715.0973
Paving	0.0786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4518**	**3.8248**	**4.7443**	**7.3300e-003**		**0.1992**	**0.1992**		**0.1833**	**0.1833**	**0.0000**	**709.3618**	**709.3618**	**0.2294**		**715.0973**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0120	0.3683	0.1063	9.9000e-004	0.0256	7.2000e-004	0.0263	7.3700e-003	6.9000e-004	8.0600e-003		105.9881	105.9881	6.6600e-003		106.1546
Worker	0.0537	0.0354	0.4070	1.2500e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		124.1483	124.1483	3.4200e-003		124.2338
Total	**0.0657**	**0.4037**	**0.5133**	**2.2400e-003**	**0.1597**	**1.7700e-003**	**0.1615**	**0.0429**	**1.6600e-003**	**0.0446**		**230.1364**	**230.1364**	**0.0101**		**230.3884**

3.29 Well - SM-11 Grading - Well Pad - 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					0.0213	0.0000	0.0213	2.4300e-003	0.0000	2.4300e-003			0.0000			0.0000
Off-Road	0.1237	0.9584	1.7831	2.9400e-003		0.0451	0.0451		0.0420	0.0420		275.3110	275.3110	0.0835		277.3983
Total	**0.1237**	**0.9584**	**1.7831**	**2.9400e-003**	**0.0213**	**0.0451**	**0.0663**	**2.4300e-003**	**0.0420**	**0.0445**		**275.3110**	**275.3110**	**0.0835**		**277.3983**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0192	0.5960	0.2133	2.6000e-003	0.0630	1.1000e-003	0.0641	0.0173	1.0500e-003	0.0183		283.5498	283.5498	0.0195		284.0373
Vendor	0.0134	0.4184	0.1417	1.4400e-003	0.0384	5.1000e-004	0.0389	0.0111	4.9000e-004	0.0116		154.0448	154.0448	8.8000e-003		154.2647
Worker	0.0506	0.0320	0.3741	1.2000e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		119.6065	119.6065	3.0800e-003		119.6834
Total	**0.0832**	**1.0464**	**0.7292**	**5.2400e-003**	**0.2355**	**2.6300e-003**	**0.2381**	**0.0639**	**2.4800e-003**	**0.0664**		**557.2010**	**557.2010**	**0.0314**		**557.9854**

3.29 Well - SM-11 Grading - Well Pad - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5600e-003	0.0000	9.5600e-003	1.1000e-003	0.0000	1.1000e-003			0.0000			0.0000
Off-Road	0.1237	0.9584	1.7831	2.9400e-003		0.0451	0.0451		0.0420	0.0420	0.0000	275.3110	275.3110	0.0835		277.3983
Total	**0.1237**	**0.9584**	**1.7831**	**2.9400e-003**	**9.5600e-003**	**0.0451**	**0.0546**	**1.1000e-003**	**0.0420**	**0.0431**	**0.0000**	**275.3110**	**275.3110**	**0.0835**		**277.3983**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0192	0.5960	0.2133	2.6000e-003	0.0630	1.1000e-003	0.0641	0.0173	1.0500e-003	0.0183		283.5498	283.5498	0.0195		284.0373
Vendor	0.0134	0.4184	0.1417	1.4400e-003	0.0384	5.1000e-004	0.0389	0.0111	4.9000e-004	0.0116		154.0448	154.0448	8.8000e-003		154.2647
Worker	0.0506	0.0320	0.3741	1.2000e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		119.6065	119.6065	3.0800e-003		119.6834
Total	**0.0832**	**1.0464**	**0.7292**	**5.2400e-003**	**0.2355**	**2.6300e-003**	**0.2381**	**0.0639**	**2.4800e-003**	**0.0664**		**557.2010**	**557.2010**	**0.0314**		**557.9854**

3.30 Well - SM-11 Building Construction - Well Equipping - 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					
Off-Road	0.1212	1.0293	1.8830	3.7700e-003		0.0462	0.0462		0.0425	0.0425		364.4782	364.4782	0.1179		367.4252
Total	**0.1212**	**1.0293**	**1.8830**	**3.7700e-003**		**0.0462**	**0.0462**		**0.0425**	**0.0425**		**364.4782**	**364.4782**	**0.1179**		**367.4252**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0338	0.0213	0.2494	8.0000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		79.7377	79.7377	2.0500e-003		79.7890
Total	**0.0382**	**0.1608**	**0.2966**	**1.2800e-003**	**0.1022**	**8.5000e-004**	**0.1031**	**0.0274**	**7.9000e-004**	**0.0282**		**131.0859**	**131.0859**	**4.9800e-003**		**131.2105**

3.30 Well - SM-11 Building Construction - Well Equipping - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1212	1.0293	1.8830	3.7700e-003		0.0462	0.0462		0.0425	0.0425	0.0000	364.4782	364.4782	0.1179		367.4252
Total	**0.1212**	**1.0293**	**1.8830**	**3.7700e-003**		**0.0462**	**0.0462**		**0.0425**	**0.0425**	**0.0000**	**364.4782**	**364.4782**	**0.1179**		**367.4252**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0338	0.0213	0.2494	8.0000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		79.7377	79.7377	2.0500e-003		79.7890
Total	**0.0382**	**0.1608**	**0.2966**	**1.2800e-003**	**0.1022**	**8.5000e-004**	**0.1031**	**0.0274**	**7.9000e-004**	**0.0282**		**131.0859**	**131.0859**	**4.9800e-003**		**131.2105**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 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					
Off-Road	0.0943	0.7743	1.6289	2.5800e-003		0.0379	0.0379		0.0349	0.0349		250.0528	250.0528	0.0809		252.0746
Total	**0.0943**	**0.7743**	**1.6289**	**2.5800e-003**		**0.0379**	**0.0379**		**0.0349**	**0.0349**		**250.0528**	**250.0528**	**0.0809**		**252.0746**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0338	0.0213	0.2494	8.0000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		79.7377	79.7377	2.0500e-003		79.7890
Total	**0.0382**	**0.1608**	**0.2966**	**1.2800e-003**	**0.1022**	**8.5000e-004**	**0.1031**	**0.0274**	**7.9000e-004**	**0.0282**		**131.0859**	**131.0859**	**4.9800e-003**		**131.2105**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0943	0.7743	1.6289	2.5800e-003		0.0379	0.0379		0.0349	0.0349	0.0000	250.0528	250.0528	0.0809		252.0746
Total	**0.0943**	**0.7743**	**1.6289**	**2.5800e-003**		**0.0379**	**0.0379**		**0.0349**	**0.0349**	**0.0000**	**250.0528**	**250.0528**	**0.0809**		**252.0746**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.4500e-003	0.1395	0.0472	4.8000e-004	0.0128	1.7000e-004	0.0130	3.6900e-003	1.6000e-004	3.8500e-003		51.3483	51.3483	2.9300e-003		51.4216
Worker	0.0338	0.0213	0.2494	8.0000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		79.7377	79.7377	2.0500e-003		79.7890
Total	**0.0382**	**0.1608**	**0.2966**	**1.2800e-003**	**0.1022**	**8.5000e-004**	**0.1031**	**0.0274**	**7.9000e-004**	**0.0282**		**131.0859**	**131.0859**	**4.9800e-003**		**131.2105**

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	7.8000e-003	0.2198	0.0850	1.2000e-003	0.0370	4.3000e-004	0.0374	0.0106	4.1000e-004	0.0110		128.7513	128.7513	5.6800e-003		128.8932
Unmitigated	7.8000e-003	0.2198	0.0850	1.2000e-003	0.0370	4.3000e-004	0.0374	0.0106	4.1000e-004	0.0110		128.7513	128.7513	5.6800e-003		128.8932

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Industrial Park	2.00	0.00	0.00	10,400	10,400
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
Total	2.00	0.00	0.00	10,400	10,400

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Industrial Park	20.00	20.00	20.00	59.00	28.00	13.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
User Defined Industrial	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

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	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
NaturalGas Unmitigated	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211

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					
General Light Industry	520.685	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total		**5.6200e-003**	**0.0511**	**0.0429**	**3.1000e-004**		**3.8800e-003**	**3.8800e-003**		**3.8800e-003**	**3.8800e-003**		**61.2571**	**61.2571**	**1.1700e-003**	**1.1200e-003**	**61.6211**

5.2 Energy by Land Use - NaturalGas

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					
General Light Industry	0.520685	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total		**5.6200e-003**	**0.0511**	**0.0429**	**3.1000e-004**		**3.8800e-003**	**3.8800e-003**		**3.8800e-003**	**3.8800e-003**		**61.2571**	**61.2571**	**1.1700e-003**	**1.1200e-003**	**61.6211**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Unmitigated	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003

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	0.0291					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4204					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Total	**1.4497**	**1.0000e-005**	**1.3800e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.9700e-003**	**2.9700e-003**	**1.0000e-005**		**3.1600e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0291					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4204					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Total	**1.4497**	**1.0000e-005**	**1.3800e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.9700e-003**	**2.9700e-003**	**1.0000e-005**		**3.1600e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Olympic Well Field Restoration and Arcadia WTP Expansion Project - Unmitigated

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	10.50	1000sqft	0.24	10,500.00	0
Industrial Park	1.00	1000sqft	0.00	1,000.00	0
User Defined Industrial	0.74	User Defined Unit	0.74	32,400.00	0
User Defined Industrial	0.63	User Defined Unit	0.63	27,300.00	0
Other Asphalt Surfaces	0.69	Acre	0.69	30,056.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Section 1.0 Project Characteristics. Project within SCE (well field and pipeline) and LADWP (WTP) jurisdiction. LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value).

Land Use - See 1.1 Land Usage for surrogate land use assumed for modeling.

Construction Phase - Applicant-provided schedule.

Off-road Equipment - Pipeline - Continual Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Continual Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Final Pavement Striping: Applicant-provided data.
Off-road Equipment - Pipeline - Final Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Installation: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Slurry Backfill: Applicant-provided data.

Off-road Equipment - Pipeline - Site Preparation: Applicant-provided data.

Off-road Equipment - Well - SM-10 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-10 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-10 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-11 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-11 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-11 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-8 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-8 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-8 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-9 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-9 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-9 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - WTP - Architectural Coating: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 1: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 2: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 3: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 4: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 5: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 6: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 7: Applicant-provided data.

Off-road Equipment - WTP - Demolition: Applicant-provided data.

Off-road Equipment - WTP - Paving: Applicant-provided data.

Off-road Equipment - WTP - Site Preparation and Grading: Applicant-provided data.

Trips and VMT - Applicant-provided trip information.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Demolition: WTP - Demolition. 5,725 SF total.

Grading - Applicant-provided grading information.

Architectural Coating - Calculated based on square footage of new buildings and asphalt surface striping.

Vehicle Trips - No net new worker operational trips anticipated. Minimal, infrequent net new truck deliveries anticipated (maximum 2 one-way trips per day).

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - Operational mobile source emissions not estimated.

Woodstoves - No hearths.

Consumer Products - CalEEMod default values.

Area Coating - Operational architectural coating for 10,500 SF of building (conservative as some surfaces would not require coating).

Landscape Equipment - No increase in landscape maintenance activity from existing conditions.

Energy Use - CalEEMod default values for General Light Industry.

Water And Wastewater - CalEEMod default values for water use. 100% aerobic.

Solid Waste - CalEEMod default values.

Construction Off-road Equipment Mitigation - Water Exposed Area, Frequency: 2 times per day.

Mobile Land Use Mitigation - No traffic mitigation.

Mobile Commute Mitigation - No traffic mitigation.

Area Mitigation - No area mitigation.

Energy Mitigation - No energy mitigation.

Water Mitigation - No water mitigation.

Waste Mitigation - Percent Reduction in Waste Disposed: 50%. Waste diversion consistent with Assembly Bill 939.

Operational Off-Road Equipment - No operational offroad equipment.

Fleet Mix - Industrial Park: 50% MHDT/50% HHDT.

Stationary Sources - User Defined - No operational stationary sources.

Olympic Well Field Restoration and Arcadia WTP Expansion Project - Unmitigated - Los Angeles-South Coast County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	5,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	15,750.00
tblArchitecturalCoating	ConstArea_Parking	1,803.00	1,944.00
tblArchitecturalCoating	ConstArea_Parking	1,803.00	1,944.00
tblArchitecturalCoating	ConstArea_Parking	1,803.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	35600	5250
tblAreaCoating	Area_Nonresidential_Interior	106800	15750
tblAreaCoating	Area_Parking	1803	1944
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstructionPhase	NumDays	10.00	60.00
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tblConstructionPhase	NumDays	6.00	60.00
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tblConstructionPhase	NumDays	6.00	10.00
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	3.00	5.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	T24E	4.60	0.00
tblEnergyUse	T24NG	10.02	0.00
tblFleetMix	HHD	0.03	0.50
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.2530e-003	0.00
tblFleetMix	MCY	5.2170e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.5000e-004	0.00
tblFleetMix	MHD	0.02	0.50
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	SBUS	6.9600e-004	0.00
tblFleetMix	UBUS	2.0710e-003	0.00
tblGrading	AcresOfGrading	0.00	0.17
tblGrading	AcresOfGrading	0.00	0.17
tblGrading	AcresOfGrading	0.00	0.28
tblGrading	AcresOfGrading	0.00	0.74
tblGrading	AcresOfGrading	10.00	0.69

tblGrading	AcresOfGrading	0.00	0.17
tblGrading	MaterialExported	0.00	285.00
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tblGrading	MaterialExported	0.00	450.00
tblGrading	MaterialExported	0.00	4,075.00
tblGrading	MaterialExported	0.00	285.00
tblLandscapeEquipment	NumberSummerDays	250	1
tblLandUse	LandUseSquareFeet	0.00	27,300.00
tblLandUse	LandUseSquareFeet	0.00	32,400.00
tblLandUse	LotAcreage	0.02	0.00
tblLandUse	LotAcreage	0.00	0.63
tblLandUse	LotAcreage	0.00	0.74
tblOffRoadEquipment	HorsePower	132.00	320.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblSolidWaste	SolidWasteGenerationRate	1.24	0.00
tblTripsAndVMT	HaulingTripNumber	509.00	510.00
tblTripsAndVMT	HaulingTripNumber	26.00	70.00
tblTripsAndVMT	HaulingTripNumber	0.00	84.00
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tblVehicleTrips	CW_TL	16.60	20.00

tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	2.00	0.00
tblVehicleTrips	PR_TP	79.00	100.00
tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.49	0.00
tblVehicleTrips	SU_TR	0.68	0.00
tblVehicleTrips	SU_TR	0.73	0.00
tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	6.83	2.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	231,250.00	0.00
tblWater	SepticTankPercent	10.33	0.00

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					
2020	0.7971	9.8843	8.2579	0.0279	0.8187	0.2209	1.0396	0.2101	0.2057	0.4158	0.0000	2,843.4619	2,843.4619	0.3720	0.0000	2,852.6827
2021	9.0398	13.8824	14.4112	0.0331	0.5625	0.5304	1.0929	0.1499	0.4889	0.6388	0.0000	3,317.2048	3,317.2048	0.6801	0.0000	3,334.2065
2022	3.3892	35.4188	31.5485	0.0655	6.6971	1.5875	8.2846	3.4589	1.4727	4.9316	0.0000	6,370.5262	6,370.5262	1.3631	0.0000	6,404.6024
2023	1.6569	1.9994	2.8689	8.3400e-003	0.2567	0.0956	0.3044	0.0663	0.0955	0.1348	0.0000	849.2366	849.2366	0.1228	0.0000	852.0878
Maximum	**9.0398**	**35.4188**	**31.5485**	**0.0655**	**6.6971**	**1.5875**	**8.2846**	**3.4589**	**1.4727**	**4.9316**	**0.0000**	**6,370.5262**	**6,370.5262**	**1.3631**	**0.0000**	**6,404.6024**

2.1 Overall Construction (Maximum Daily Emission)

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					
2020	0.7971	9.8843	8.2579	0.0279	0.7762	0.2209	0.9971	0.2052	0.2057	0.4109	0.0000	2,843.4619	2,843.4619	0.3720	0.0000	2,852.6827
2021	9.0398	13.8824	14.4112	0.0331	0.5510	0.5304	1.0814	0.1485	0.4889	0.6374	0.0000	3,317.2048	3,317.2048	0.6801	0.0000	3,334.2065
2022	3.3892	35.4188	31.5485	0.0655	3.2409	1.5875	4.8283	1.6174	1.4727	3.0900	0.0000	6,370.5262	6,370.5262	1.3631	0.0000	6,404.6024
2023	1.6569	1.9994	2.8689	8.3400e-003	0.2451	0.0956	0.2927	0.0650	0.0955	0.1348	0.0000	849.2366	849.2366	0.1228	0.0000	852.0878
Maximum	**9.0398**	**35.4188**	**31.5485**	**0.0655**	**3.2409**	**1.5875**	**4.8283**	**1.6174**	**1.4727**	**3.0900**	**0.0000**	**6,370.5262**	**6,370.5262**	**1.3631**	**0.0000**	**6,404.6024**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**42.25**	**0.00**	**32.85**	**47.60**	**0.00**	**30.19**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Energy	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Mobile	7.6400e-003	0.2173	0.0816	1.2200e-003	0.0370	4.2000e-004	0.0374	0.0106	4.0000e-004	0.0110		130.1695	130.1695	5.5200e-003		130.3076
Total	**1.4629**	**0.2683**	**0.1259**	**1.5300e-003**	**0.0370**	**4.3000e-003**	**0.0413**	**0.0106**	**4.2800e-003**	**0.0149**		**191.4295**	**191.4295**	**6.7000e-003**	**1.1200e-003**	**191.9318**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Energy	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Mobile	7.6400e-003	0.2173	0.0816	1.2200e-003	0.0370	4.2000e-004	0.0374	0.0106	4.0000e-004	0.0110		130.1695	130.1695	5.5200e-003		130.3076
Total	**1.4629**	**0.2683**	**0.1259**	**1.5300e-003**	**0.0370**	**4.3000e-003**	**0.0413**	**0.0106**	**4.2800e-003**	**0.0149**		**191.4295**	**191.4295**	**6.7000e-003**	**1.1200e-003**	**191.9318**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Well - SM-10 Grading - Well Pad	Grading	11/27/2020	12/10/2020	5	10	
2	Well - SM-8 Grading - Well Pad	Grading	11/27/2020	12/10/2020	5	10	
3	Well - SM-9 Grading Well Pad	Grading	11/27/2020	12/10/2020	5	10	
4	Well - SM-10 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25	
5	Well - SM-8 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25	
6	Well - SM-9 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25	
7	Well - SM-10 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15	
8	Well - SM-8 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15	
9	Well - SM-9 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15	
10	Pipeline - Site Preparation	Site Preparation	2/28/2021	3/5/2021	5	5	
11	Pipeline - Grading - Slurry Backfill	Grading	3/6/2021	5/28/2021	5	60	
12	Pipeline - Grading - Installation	Grading	3/6/2021	5/28/2021	5	60	
13	Pipeline - Continual Paving	Paving	3/6/2021	5/28/2021	5	60	
14	Pipeline - Continual Pavement Striping	Architectural Coating	3/6/2021	5/28/2021	5	60	
15	Pipeline - Final Paving	Paving	5/29/2021	6/11/2021	5	10	
16	Pipeline - Final Pavement Striping	Architectural Coating	6/14/2021	6/14/2021	5	1	
17	WTP - Demolition	Demolition	1/21/2022	2/24/2022	5	25	

18	WTP - Site Preparation and Grading	Grading	2/1/2022	2/28/2022	5	20	
19	WTP - Building Construction 3	Building Construction	3/1/2022	9/1/2022	5	133	
20	WTP - Building Construction 4	Building Construction	3/1/2022	9/15/2022	5	143	
21	WTP - Building Construction 1	Building Construction	3/1/2022	6/1/2022	5	67	
22	WTP - Building Construction 2	Building Construction	3/1/2022	7/1/2022	5	89	
23	WTP - Building Construction 5	Building Construction	4/1/2022	5/13/2022	5	31	
24	WTP - Building Construction 6	Building Construction	5/1/2022	9/1/2022	5	89	
25	WTP - Building Construction 7	Building Construction	8/1/2022	11/1/2022	5	67	
26	WTP - Architectural Coating	Architectural Coating	10/15/2022	1/24/2023	5	72	
27	WTP - Paving	Paving	11/1/2022	12/1/2022	5	23	
28	Well - SM-11 Grading - Well Pad	Grading	7/1/2023	7/14/2023	5	10	
29	Well - SM-11 Building Construction - Well Equipping	Building Construction	7/15/2023	8/18/2023	5	25	
30	Well - SM-11 Building Construction - Artistic Fencing	Building Construction	8/19/2023	9/8/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,944 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Well - SM-10 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-10 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-10 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-10 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40

Well - SM-10 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-8 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-8 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-8 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-8 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-8 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-9 Grading Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-9 Grading Well Pad	Excavators	1	4.00	158	0.38
Well - SM-9 Grading Well Pad	Graders	0	8.00	187	0.41
Well - SM-9 Grading Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-9 Grading Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-10 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-10 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-10 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-10 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-10 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-10 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-10 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-10 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-8 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-8 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-8 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-8 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-8 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74

Well - SM-8 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-8 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-8 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-9 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-9 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-9 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-9 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-9 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-9 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-9 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-10 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-10 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-10 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-10 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-10 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-10 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Well - SM-8 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-8 Building Construction - Artistic Fencing	Excavators	0	4.00	158	0.38
Well - SM-8 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-8 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20

Well - SM-8 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-8 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-8 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Well - SM-9 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-9 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-9 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-9 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-9 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Pipeline - Site Preparation	Graders	0	8.00	187	0.41
Pipeline - Site Preparation	Pavers	1	8.00	130	0.42
Pipeline - Site Preparation	Scrapers	0	8.00	367	0.48
Pipeline - Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Grading - Slurry Backfill	Cement and Mortar Mixers	1	4.00	9	0.56
Pipeline - Grading - Slurry Backfill	Graders	0	8.00	187	0.41
Pipeline - Grading - Slurry Backfill	Rubber Tired Dozers	0	8.00	247	0.40
Pipeline - Grading - Slurry Backfill	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Grading - Installation	Excavators	2	8.00	158	0.38
Pipeline - Grading - Installation	Graders	0	8.00	187	0.41
Pipeline - Grading - Installation	Rollers	1	4.00	80	0.38
Pipeline - Grading - Installation	Rubber Tired Dozers	0	8.00	247	0.40
Pipeline - Grading - Installation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Continual Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Pipeline - Continual Paving	Pavers	1	8.00	130	0.42
Pipeline - Continual Paving	Paving Equipment	0	8.00	132	0.36

Pipeline - Continual Paving	Rollers	1	8.00	80	0.38
Pipeline - Continual Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Continual Pavement Striping	Air Compressors	0	6.00	78	0.48
Pipeline - Final Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Pipeline - Final Paving	Pavers	1	8.00	130	0.42
Pipeline - Final Paving	Paving Equipment	1	8.00	320	0.36
Pipeline - Final Paving	Rollers	1	8.00	80	0.38
Pipeline - Final Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Final Pavement Striping	Air Compressors	0	6.00	78	0.48
WTP - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
WTP - Demolition	Rubber Tired Dozers	1	8.00	247	0.40
WTP - Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
WTP - Site Preparation and Grading	Graders	1	8.00	187	0.41
WTP - Site Preparation and Grading	Rubber Tired Dozers	1	8.00	247	0.40
WTP - Site Preparation and Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
WTP - Building Construction 3	Cranes	0	8.00	231	0.29
WTP - Building Construction 3	Forklifts	0	7.00	89	0.20
WTP - Building Construction 3	Generator Sets	1	8.00	84	0.74
WTP - Building Construction 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
WTP - Building Construction 3	Welders	0	8.00	46	0.45
WTP - Building Construction 4	Cranes	1	2.00	231	0.29
WTP - Building Construction 4	Forklifts	0	7.00	89	0.20
WTP - Building Construction 4	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 4	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 4	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 4	Welders	0	8.00	46	0.45
WTP - Building Construction 1	Cranes	1	2.00	231	0.29

WTP - Building Construction 1	Forklifts	1	4.00	89	0.20
WTP - Building Construction 1	Generator Sets	1	8.00	84	0.74
WTP - Building Construction 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
WTP - Building Construction 1	Welders	0	8.00	46	0.45
WTP - Building Construction 2	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 2	Cranes	1	2.00	231	0.29
WTP - Building Construction 2	Forklifts	0	7.00	89	0.20
WTP - Building Construction 2	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 2	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 2	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 2	Welders	0	8.00	46	0.45
WTP - Building Construction 5	Cranes	0	8.00	231	0.29
WTP - Building Construction 5	Forklifts	0	7.00	89	0.20
WTP - Building Construction 5	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 5	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 5	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 5	Welders	0	8.00	46	0.45
WTP - Building Construction 6	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 6	Bore/Drill Rigs	1	8.00	221	0.50
WTP - Building Construction 6	Cranes	1	2.00	231	0.29
WTP - Building Construction 6	Excavators	1	4.00	158	0.38
WTP - Building Construction 6	Forklifts	0	7.00	89	0.20
WTP - Building Construction 6	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 6	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 6	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 6	Welders	0	8.00	46	0.45
WTP - Building Construction 7	Aerial Lifts	1	4.00	63	0.31

WTP - Building Construction 7	Cranes	1	2.00	231	0.29
WTP - Building Construction 7	Forklifts	0	7.00	89	0.20
WTP - Building Construction 7	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 7	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 7	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 7	Welders	0	8.00	46	0.45
WTP - Architectural Coating	Air Compressors	1	8.00	78	0.48
WTP - Paving	Cement and Mortar Mixers	0	8.00	9	0.56
WTP - Paving	Pavers	1	8.00	130	0.42
WTP - Paving	Paving Equipment	0	8.00	132	0.36
WTP - Paving	Rollers	1	8.00	80	0.38
WTP - Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Well - SM-11 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-11 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-11 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-11 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-11 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-11 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-11 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-11 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-11 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-11 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-11 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-11 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-11 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29

Well - SM-11 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-11 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-11 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-11 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-11 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45

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
Well - SM-10 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Grading Well Pad	2	12.00	6.00	56.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-10 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-10 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Site Preparation	1	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Slurry Backfill	1	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Installation	3	12.00	4.00	510.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Paving	2	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Paving	3	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Demolition	5	14.00	0.00	70.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

WTP - Site Preparation and Gradi	4	12.00	0.00	84.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 3	2	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 4	2	16.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 1	4	10.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 2	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 5	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 6	5	24.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 7	3	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Architectural Coating	1	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Paving	2	12.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Well - SM-10 Grading - Well Pad - 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					0.0213	0.0000	0.0213	2.4300e-003	0.0000	2.4300e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609		275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0213**	**0.0656**	**0.0868**	**2.4300e-003**	**0.0609**	**0.0633**		**275.3174**	**275.3174**	**0.0835**		**277.4048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0315	1.0352	0.2294	2.8400e-003	0.0629	3.3000e-003	0.0663	0.0173	3.1600e-003	0.0204		308.0995	308.0995	0.0210		308.6237
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.1080**	**1.7127**	**0.9220**	**5.8200e-003**	**0.2355**	**7.4200e-003**	**0.2429**	**0.0639**	**7.0600e-003**	**0.0710**		**615.4478**	**615.4478**	**0.0356**		**616.3369**

3.2 Well - SM-10 Grading - Well Pad - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5600e-003	0.0000	9.5600e-003	1.1000e-003	0.0000	1.1000e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**9.5600e-003**	**0.0656**	**0.0752**	**1.1000e-003**	**0.0609**	**0.0620**	**0.0000**	**275.3174**	**275.3174**	**0.0835**		**277.4048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0315	1.0352	0.2294	2.8400e-003	0.0629	3.3000e-003	0.0663	0.0173	3.1600e-003	0.0204		308.0995	308.0995	0.0210		308.6237
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.1080**	**1.7127**	**0.9220**	**5.8200e-003**	**0.2355**	**7.4200e-003**	**0.2429**	**0.0639**	**7.0600e-003**	**0.0710**		**615.4478**	**615.4478**	**0.0356**		**616.3369**

3.3 Well - SM-8 Grading - Well Pad - 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					0.0213	0.0000	0.0213	2.4300e-003	0.0000	2.4300e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609		275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0213**	**0.0656**	**0.0868**	**2.4300e-003**	**0.0609**	**0.0633**		**275.3174**	**275.3174**	**0.0835**		**277.4048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0315	1.0352	0.2294	2.8400e-003	0.0629	3.3000e-003	0.0663	0.0173	3.1600e-003	0.0204		308.0995	308.0995	0.0210		308.6237
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.1080**	**1.7127**	**0.9220**	**5.8200e-003**	**0.2355**	**7.4200e-003**	**0.2429**	**0.0639**	**7.0600e-003**	**0.0710**		**615.4478**	**615.4478**	**0.0356**		**616.3369**

3.3 Well - SM-8 Grading - Well Pad - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5600e-003	0.0000	9.5600e-003	1.1000e-003	0.0000	1.1000e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**9.5600e-003**	**0.0656**	**0.0752**	**1.1000e-003**	**0.0609**	**0.0620**	**0.0000**	**275.3174**	**275.3174**	**0.0835**		**277.4048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0315	1.0352	0.2294	2.8400e-003	0.0629	3.3000e-003	0.0663	0.0173	3.1600e-003	0.0204		308.0995	308.0995	0.0210		308.6237
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.1080**	**1.7127**	**0.9220**	**5.8200e-003**	**0.2355**	**7.4200e-003**	**0.2429**	**0.0639**	**7.0600e-003**	**0.0710**		**615.4478**	**615.4478**	**0.0356**		**616.3369**

3.4 Well - SM-9 Grading Well Pad - 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					0.0348	0.0000	0.0348	3.9800e-003	0.0000	3.9800e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609		275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0348**	**0.0656**	**0.1004**	**3.9800e-003**	**0.0609**	**0.0649**		**275.3174**	**275.3174**	**0.0835**		**277.4048**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0489	1.6102	0.3568	4.4200e-003	0.0979	5.1400e-003	0.1031	0.0268	4.9200e-003	0.0318		479.2658	479.2658	0.0326		480.0814
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.1255**	**2.2878**	**1.0494**	**7.4000e-003**	**0.2705**	**9.2600e-003**	**0.2797**	**0.0735**	**8.8200e-003**	**0.0823**		**786.6142**	**786.6142**	**0.0472**		**787.7945**

3.4 Well - SM-9 Grading Well Pad - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0157	0.0000	0.0157	1.7900e-003	0.0000	1.7900e-003			0.0000			0.0000
Off-Road	0.1519	1.3904	1.7881	2.9400e-003		0.0656	0.0656		0.0609	0.0609	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.1519**	**1.3904**	**1.7881**	**2.9400e-003**	**0.0157**	**0.0656**	**0.0812**	**1.7900e-003**	**0.0609**	**0.0627**	**0.0000**	**275.3174**	**275.3174**	**0.0835**		**277.4048**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0489	1.6102	0.3568	4.4200e-003	0.0979	5.1400e-003	0.1031	0.0268	4.9200e-003	0.0318		479.2658	479.2658	0.0326		480.0814
Vendor	0.0213	0.6382	0.1672	1.5600e-003	0.0384	3.0000e-003	0.0414	0.0111	2.8700e-003	0.0139		166.2148	166.2148	0.0101		166.4684
Worker	0.0552	0.0393	0.5254	1.4200e-003	0.1341	1.1200e-003	0.1353	0.0356	1.0300e-003	0.0366		141.1335	141.1335	4.4500e-003		141.2448
Total	**0.1255**	**2.2878**	**1.0494**	**7.4000e-003**	**0.2705**	**9.2600e-003**	**0.2797**	**0.0735**	**8.8200e-003**	**0.0823**		**786.6142**	**786.6142**	**0.0472**		**787.7945**

3.5 Well - SM-10 Building Construction - Well Equipping - 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	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654		363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**		**363.7851**	**363.7851**	**0.1177**		**366.7265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.1100e-003	0.2127	0.0557	5.2000e-004	0.0128	1.0000e-003	0.0138	3.6900e-003	9.6000e-004	4.6400e-003		55.4049	55.4049	3.3800e-003		55.4895
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.0439**	**0.2389**	**0.4060**	**1.4600e-003**	**0.1022**	**1.7500e-003**	**0.1040**	**0.0274**	**1.6500e-003**	**0.0290**		**149.4940**	**149.4940**	**6.3500e-003**		**149.6527**

3.5 Well - SM-10 Building Construction - Well Equipping - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**	**0.0000**	**363.7851**	**363.7851**	**0.1177**		**366.7265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.1100e-003	0.2127	0.0557	5.2000e-004	0.0128	1.0000e-003	0.0138	3.6900e-003	9.6000e-004	4.6400e-003		55.4049	55.4049	3.3800e-003		55.4895
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.0439**	**0.2389**	**0.4060**	**1.4600e-003**	**0.1022**	**1.7500e-003**	**0.1040**	**0.0274**	**1.6500e-003**	**0.0290**		**149.4940**	**149.4940**	**6.3500e-003**		**149.6527**

3.5 Well - SM-10 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586		364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**		**364.1038**	**364.1038**	**0.1178**		**367.0478**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.5 Well - SM-10 Building Construction - Well Equipping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**	**0.0000**	**364.1038**	**364.1038**	**0.1178**		**367.0478**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.6 Well - SM-8 Building Construction - Well Equipping - 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	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654		363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**		**363.7851**	**363.7851**	**0.1177**		**366.7265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.1100e-003	0.2127	0.0557	5.2000e-004	0.0128	1.0000e-003	0.0138	3.6900e-003	9.6000e-004	4.6400e-003		55.4049	55.4049	3.3800e-003		55.4895
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.0439**	**0.2389**	**0.4060**	**1.4600e-003**	**0.1022**	**1.7500e-003**	**0.1040**	**0.0274**	**1.6500e-003**	**0.0290**		**149.4940**	**149.4940**	**6.3500e-003**		**149.6527**

3.6 Well - SM-8 Building Construction - Well Equipping - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**	**0.0000**	**363.7851**	**363.7851**	**0.1177**		**366.7265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.1100e-003	0.2127	0.0557	5.2000e-004	0.0128	1.0000e-003	0.0138	3.6900e-003	9.6000e-004	4.6400e-003		55.4049	55.4049	3.3800e-003		55.4895
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.0439**	**0.2389**	**0.4060**	**1.4600e-003**	**0.1022**	**1.7500e-003**	**0.1040**	**0.0274**	**1.6500e-003**	**0.0290**		**149.4940**	**149.4940**	**6.3500e-003**		**149.6527**

3.6 Well - SM-8 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586		364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**		**364.1038**	**364.1038**	**0.1178**		**367.0478**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.6 Well - SM-8 Building Construction - Well Equipping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**	**0.0000**	**364.1038**	**364.1038**	**0.1178**		**367.0478**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.7 Well - SM-9 Building Construction - Well Equipping - 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	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654		363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**		**363.7851**	**363.7851**	**0.1177**		**366.7265**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.1100e-003	0.2127	0.0557	5.2000e-004	0.0128	1.0000e-003	0.0138	3.6900e-003	9.6000e-004	4.6400e-003		55.4049	55.4049	3.3800e-003		55.4895
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.0439**	**0.2389**	**0.4060**	**1.4600e-003**	**0.1022**	**1.7500e-003**	**0.1040**	**0.0274**	**1.6500e-003**	**0.0290**		**149.4940**	**149.4940**	**6.3500e-003**		**149.6527**

3.7 Well - SM-9 Building Construction - Well Equipping - 2020

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1572	1.6466	1.8940	3.7600e-003		0.0711	0.0711		0.0654	0.0654	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.1572**	**1.6466**	**1.8940**	**3.7600e-003**		**0.0711**	**0.0711**		**0.0654**	**0.0654**	**0.0000**	**363.7851**	**363.7851**	**0.1177**		**366.7265**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	7.1100e-003	0.2127	0.0557	5.2000e-004	0.0128	1.0000e-003	0.0138	3.6900e-003	9.6000e-004	4.6400e-003		55.4049	55.4049	3.3800e-003		55.4895
Worker	0.0368	0.0262	0.3503	9.4000e-004	0.0894	7.5000e-004	0.0902	0.0237	6.9000e-004	0.0244		94.0890	94.0890	2.9700e-003		94.1632
Total	**0.0439**	**0.2389**	**0.4060**	**1.4600e-003**	**0.1022**	**1.7500e-003**	**0.1040**	**0.0274**	**1.6500e-003**	**0.0290**		**149.4940**	**149.4940**	**6.3500e-003**		**149.6527**

3.7 Well - SM-9 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586		364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**		**364.1038**	**364.1038**	**0.1178**		**367.0478**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.7 Well - SM-9 Building Construction - Well Equipping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1469	1.4546	1.8952	3.7600e-003		0.0637	0.0637		0.0586	0.0586	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.1469**	**1.4546**	**1.8952**	**3.7600e-003**		**0.0637**	**0.0637**		**0.0586**	**0.0586**	**0.0000**	**364.1038**	**364.1038**	**0.1178**		**367.0478**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480		250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**		**250.0960**	**250.0960**	**0.0809**		**252.1181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**	**0.0000**	**250.0960**	**250.0960**	**0.0809**		**252.1181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480		250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**		**250.0960**	**250.0960**	**0.0809**		**252.1181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**	**0.0000**	**250.0960**	**250.0960**	**0.0809**		**252.1181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480		250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**		**250.0960**	**250.0960**	**0.0809**		**252.1181**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1146	1.0767	1.6359	2.5800e-003		0.0522	0.0522		0.0480	0.0480	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.1146**	**1.0767**	**1.6359**	**2.5800e-003**		**0.0522**	**0.0522**		**0.0480**	**0.0480**	**0.0000**	**250.0960**	**250.0960**	**0.0809**		**252.1181**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	6.0800e-003	0.1942	0.0508	5.1000e-004	0.0128	4.0000e-004	0.0132	3.6900e-003	3.8000e-004	4.0700e-003		54.9761	54.9761	3.2400e-003		55.0571
Worker	0.0343	0.0236	0.3222	9.1000e-004	0.0894	7.2000e-004	0.0901	0.0237	6.7000e-004	0.0244		91.1016	91.1016	2.6800e-003		91.1687
Total	**0.0404**	**0.2178**	**0.3730**	**1.4200e-003**	**0.1022**	**1.1200e-003**	**0.1033**	**0.0274**	**1.0500e-003**	**0.0285**		**146.0777**	**146.0777**	**5.9200e-003**		**146.2258**

3.11 Pipeline - Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2462	2.5950	2.9048	4.7000e-003		0.1254	0.1254		0.1154	0.1154		455.0608	455.0608	0.1472		458.7402
Total	**0.2462**	**2.5950**	**2.9048**	**4.7000e-003**	**0.0000**	**0.1254**	**0.1254**	**0.0000**	**0.1154**	**0.1154**		**455.0608**	**455.0608**	**0.1472**		**458.7402**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	**0.0550**	**0.4178**	**0.5043**	**2.1700e-003**	**0.1374**	**1.6900e-003**	**0.1391**	**0.0370**	**1.5900e-003**	**0.0386**		**223.8292**	**223.8292**	**9.8400e-003**		**224.0751**

3.11 Pipeline - Site Preparation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.2462	2.5950	2.9048	4.7000e-003		0.1254	0.1254		0.1154	0.1154	0.0000	455.0608	455.0608	0.1472		458.7402
Total	**0.2462**	**2.5950**	**2.9048**	**4.7000e-003**	**0.0000**	**0.1254**	**0.1254**	**0.0000**	**0.1154**	**0.1154**	**0.0000**	**455.0608**	**455.0608**	**0.1472**		**458.7402**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0429	0.0295	0.4028	1.1400e-003	0.1118	9.0000e-004	0.1127	0.0296	8.3000e-004	0.0305		113.8770	113.8770	3.3600e-003		113.9609
Total	**0.0550**	**0.4178**	**0.5043**	**2.1700e-003**	**0.1374**	**1.6900e-003**	**0.1391**	**0.0370**	**1.5900e-003**	**0.0386**		**223.8292**	**223.8292**	**9.8400e-003**		**224.0751**

3.12 Pipeline - Grading - Slurry Backfill - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003		25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**		**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.0293**	**0.4002**	**0.2626**	**1.4900e-003**	**0.0703**	**1.1500e-003**	**0.0715**	**0.0192**	**1.0900e-003**	**0.0203**		**155.5030**	**155.5030**	**7.8200e-003**		**155.6985**

3.12 Pipeline - Grading - Slurry Backfill - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003	0.0000	25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.0293**	**0.4002**	**0.2626**	**1.4900e-003**	**0.0703**	**1.1500e-003**	**0.0715**	**0.0192**	**1.0900e-003**	**0.0203**		**155.5030**	**155.5030**	**7.8200e-003**		**155.6985**

3.13 Pipeline - Grading - Installation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0208	0.0000	0.0208	2.5800e-003	0.0000	2.5800e-003			0.0000			0.0000
Off-Road	0.5531	5.2689	7.4838	0.0117		0.2677	0.2677		0.2463	0.2463		1,127.4284	1,127.4284	0.3646		1,136.5442
Total	**0.5531**	**5.2689**	**7.4838**	**0.0117**	**0.0208**	**0.2677**	**0.2885**	**2.5800e-003**	**0.2463**	**0.2489**		**1,127.4284**	**1,127.4284**	**0.3646**		**1,136.5442**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0709	2.2801	0.5346	6.6300e-003	0.1486	7.0000e-003	0.1556	0.0407	6.7000e-003	0.0474		719.4793	719.4793	0.0488		720.7000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0514	0.0354	0.4833	1.3700e-003	0.1341	1.0800e-003	0.1352	0.0356	1.0000e-003	0.0366		136.6524	136.6524	4.0300e-003		136.7530
Total	**0.1345**	**2.7038**	**1.1195**	**9.0300e-003**	**0.3084**	**8.8700e-003**	**0.3172**	**0.0837**	**8.4600e-003**	**0.0921**		**966.0840**	**966.0840**	**0.0593**		**967.5672**

3.13 Pipeline - Grading - Installation - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.3400e-003	0.0000	9.3400e-003	1.1600e-003	0.0000	1.1600e-003			0.0000			0.0000
Off-Road	0.5531	5.2689	7.4838	0.0117		0.2677	0.2677		0.2463	0.2463	0.0000	1,127.4284	1,127.4284	0.3646		1,136.5442
Total	**0.5531**	**5.2689**	**7.4838**	**0.0117**	**9.3400e-003**	**0.2677**	**0.2770**	**1.1600e-003**	**0.2463**	**0.2474**	**0.0000**	**1,127.4284**	**1,127.4284**	**0.3646**		**1,136.5442**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0709	2.2801	0.5346	6.6300e-003	0.1486	7.0000e-003	0.1556	0.0407	6.7000e-003	0.0474		719.4793	719.4793	0.0488		720.7000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0514	0.0354	0.4833	1.3700e-003	0.1341	1.0800e-003	0.1352	0.0356	1.0000e-003	0.0366		136.6524	136.6524	4.0300e-003		136.7530
Total	**0.1345**	**2.7038**	**1.1195**	**9.0300e-003**	**0.3084**	**8.8700e-003**	**0.3172**	**0.0837**	**8.4600e-003**	**0.0921**		**966.0840**	**966.0840**	**0.0593**		**967.5672**

3.14 Pipeline - Continual Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236		709.1497	709.1497	0.2294		714.8836
Paving	0.0301					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4659**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**		**709.1497**	**709.1497**	**0.2294**		**714.8836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0257	0.0177	0.2417	6.9000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		68.3262	68.3262	2.0100e-003		68.3765
Total	**0.0379**	**0.4060**	**0.3432**	**1.7200e-003**	**0.0927**	**1.3300e-003**	**0.0940**	**0.0252**	**1.2600e-003**	**0.0264**		**178.2784**	**178.2784**	**8.4900e-003**		**178.4907**

3.14 Pipeline - Continual Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236	0.0000	709.1497	709.1497	0.2294		714.8836
Paving	0.0301					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4659**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**	**0.0000**	**709.1497**	**709.1497**	**0.2294**		**714.8836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0257	0.0177	0.2417	6.9000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		68.3262	68.3262	2.0100e-003		68.3765
Total	**0.0379**	**0.4060**	**0.3432**	**1.7200e-003**	**0.0927**	**1.3300e-003**	**0.0940**	**0.0252**	**1.2600e-003**	**0.0264**		**178.2784**	**178.2784**	**8.4900e-003**		**178.4907**

3.15 Pipeline - Continual Pavement Striping - 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					
Archit. Coating	0.1502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1502**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.0293**	**0.4002**	**0.2626**	**1.4900e-003**	**0.0703**	**1.1500e-003**	**0.0715**	**0.0192**	**1.0900e-003**	**0.0203**		**155.5030**	**155.5030**	**7.8200e-003**		**155.6985**

3.15 Pipeline - Continual Pavement Striping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1502					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.1502**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.0293**	**0.4002**	**0.2626**	**1.4900e-003**	**0.0703**	**1.1500e-003**	**0.0715**	**0.0192**	**1.0900e-003**	**0.0203**		**155.5030**	**155.5030**	**7.8200e-003**		**155.6985**

3.16 Pipeline - Final Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236		709.1497	709.1497	0.2294		714.8836
Paving	0.1808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6165**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**		**709.1497**	**709.1497**	**0.2294**		**714.8836**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0257	0.0177	0.2417	6.9000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		68.3262	68.3262	2.0100e-003		68.3765
Total	**0.0379**	**0.4060**	**0.3432**	**1.7200e-003**	**0.0927**	**1.3300e-003**	**0.0940**	**0.0252**	**1.2600e-003**	**0.0264**		**178.2784**	**178.2784**	**8.4900e-003**		**178.4907**

3.16 Pipeline - Final Paving - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4357	4.5193	4.7852	7.3200e-003		0.2431	0.2431		0.2236	0.2236	0.0000	709.1497	709.1497	0.2294		714.8836
Paving	0.1808					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6165**	**4.5193**	**4.7852**	**7.3200e-003**		**0.2431**	**0.2431**		**0.2236**	**0.2236**	**0.0000**	**709.1497**	**709.1497**	**0.2294**		**714.8836**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0257	0.0177	0.2417	6.9000e-004	0.0671	5.4000e-004	0.0676	0.0178	5.0000e-004	0.0183		68.3262	68.3262	2.0100e-003		68.3765
Total	**0.0379**	**0.4060**	**0.3432**	**1.7200e-003**	**0.0927**	**1.3300e-003**	**0.0940**	**0.0252**	**1.2600e-003**	**0.0264**		**178.2784**	**178.2784**	**8.4900e-003**		**178.4907**

3.17 Pipeline - Final Pavement Striping - 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					
Archit. Coating	9.0104					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**9.0104**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.0293**	**0.4002**	**0.2626**	**1.4900e-003**	**0.0703**	**1.1500e-003**	**0.0715**	**0.0192**	**1.0900e-003**	**0.0203**		**155.5030**	**155.5030**	**7.8200e-003**		**155.6985**

3.17 Pipeline - Final Pavement Striping - 2021

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	9.0104					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**9.0104**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0122	0.3884	0.1015	1.0300e-003	0.0256	7.9000e-004	0.0264	7.3700e-003	7.6000e-004	8.1300e-003		109.9523	109.9523	6.4800e-003		110.1142
Worker	0.0172	0.0118	0.1611	4.6000e-004	0.0447	3.6000e-004	0.0451	0.0119	3.3000e-004	0.0122		45.5508	45.5508	1.3400e-003		45.5844
Total	**0.0293**	**0.4002**	**0.2626**	**1.4900e-003**	**0.0703**	**1.1500e-003**	**0.0715**	**0.0192**	**1.0900e-003**	**0.0203**		**155.5030**	**155.5030**	**7.8200e-003**		**155.6985**

3.18 WTP - Demolition - 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					0.2254	0.0000	0.2254	0.0341	0.0000	0.0341			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**1.6889**	**16.6217**	**13.9605**	**0.0241**	**0.2254**	**0.8379**	**1.0633**	**0.0341**	**0.7829**	**0.8170**		**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0222	0.6977	0.1743	2.1600e-003	0.0490	2.0000e-003	0.0510	0.0134	1.9200e-003	0.0153		234.2018	234.2018	0.0158		234.5979
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0562	0.0373	0.5202	1.5400e-003	0.1565	1.2200e-003	0.1577	0.0415	1.1300e-003	0.0426		153.8197	153.8197	4.2500e-003		153.9259
Total	**0.0784**	**0.7350**	**0.6946**	**3.7000e-003**	**0.2055**	**3.2200e-003**	**0.2087**	**0.0549**	**3.0500e-003**	**0.0580**		**388.0215**	**388.0215**	**0.0201**		**388.5237**

3.18 WTP - Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1014	0.0000	0.1014	0.0154	0.0000	0.0154			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**1.6889**	**16.6217**	**13.9605**	**0.0241**	**0.1014**	**0.8379**	**0.9393**	**0.0154**	**0.7829**	**0.7982**	**0.0000**	**2,323.4168**	**2,323.4168**	**0.5921**		**2,338.2191**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0222	0.6977	0.1743	2.1600e-003	0.0490	2.0000e-003	0.0510	0.0134	1.9200e-003	0.0153		234.2018	234.2018	0.0158		234.5979
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0562	0.0373	0.5202	1.5400e-003	0.1565	1.2200e-003	0.1577	0.0415	1.1300e-003	0.0426		153.8197	153.8197	4.2500e-003		153.9259
Total	**0.0784**	**0.7350**	**0.6946**	**3.7000e-003**	**0.2055**	**3.2200e-003**	**0.2087**	**0.0549**	**3.0500e-003**	**0.0580**		**388.0215**	**388.0215**	**0.0201**		**388.5237**

3.19 WTP - Site Preparation and Grading - 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					6.0587	0.0000	6.0587	3.3142	0.0000	3.3142			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829		1,995.4825	1,995.4825	0.6454		2,011.6169
Total	**1.5403**	**16.9836**	**9.2202**	**0.0206**	**6.0587**	**0.7423**	**6.8010**	**3.3142**	**0.6829**	**3.9971**		**1,995.4825**	**1,995.4825**	**0.6454**		**2,011.6169**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0333	1.0466	0.2615	3.2300e-003	0.0734	3.0000e-003	0.0765	0.0201	2.8700e-003	0.0230		351.3027	351.3027	0.0238		351.8968
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0815**	**1.0785**	**0.7074**	**4.5500e-003**	**0.2076**	**4.0500e-003**	**0.2116**	**0.0557**	**3.8400e-003**	**0.0596**		**483.1482**	**483.1482**	**0.0274**		**483.8332**

3.19 WTP - Site Preparation and Grading - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7264	0.0000	2.7264	1.4914	0.0000	1.4914			0.0000			0.0000
Off-Road	1.5403	16.9836	9.2202	0.0206		0.7423	0.7423		0.6829	0.6829	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	**1.5403**	**16.9836**	**9.2202**	**0.0206**	**2.7264**	**0.7423**	**3.4687**	**1.4914**	**0.6829**	**2.1743**	**0.0000**	**1,995.4825**	**1,995.4825**	**0.6454**		**2,011.6169**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0333	1.0466	0.2615	3.2300e-003	0.0734	3.0000e-003	0.0765	0.0201	2.8700e-003	0.0230		351.3027	351.3027	0.0238		351.8968
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0815**	**1.0785**	**0.7074**	**4.5500e-003**	**0.2076**	**4.0500e-003**	**0.2116**	**0.0557**	**3.8400e-003**	**0.0596**		**483.1482**	**483.1482**	**0.0274**		**483.8332**

3.20 WTP - Building Construction 3 - 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					
Off-Road	0.4947	4.6039	5.9139	9.6900e-003		0.2370	0.2370		0.2298	0.2298		924.2735	924.2735	0.1270		927.4492
Total	**0.4947**	**4.6039**	**5.9139**	**9.6900e-003**		**0.2370**	**0.2370**		**0.2298**	**0.2298**		**924.2735**	**924.2735**	**0.1270**		**927.4492**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0539**	**0.2166**	**0.4940**	**1.8300e-003**	**0.1469**	**1.4000e-003**	**0.1483**	**0.0393**	**1.3000e-003**	**0.0406**		**186.3427**	**186.3427**	**6.7700e-003**		**186.5118**

3.20 WTP - Building Construction 3 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.4947	4.6039	5.9139	9.6900e-003		0.2370	0.2370		0.2298	0.2298	0.0000	924.2735	924.2735	0.1270		927.4492
Total	**0.4947**	**4.6039**	**5.9139**	**9.6900e-003**		**0.2370**	**0.2370**		**0.2298**	**0.2298**	**0.0000**	**924.2735**	**924.2735**	**0.1270**		**927.4492**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0539**	**0.2166**	**0.4940**	**1.8300e-003**	**0.1469**	**1.4000e-003**	**0.1483**	**0.0393**	**1.3000e-003**	**0.0406**		**186.3427**	**186.3427**	**6.7700e-003**		**186.5118**

3.21 WTP - Building Construction 4 - 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					
Off-Road	0.2051	2.5264	2.7615	4.8900e-003		0.0951	0.0951		0.0875	0.0875		473.4621	473.4621	0.1531		477.2902
Total	**0.2051**	**2.5264**	**2.7615**	**4.8900e-003**		**0.0951**	**0.0951**		**0.0875**	**0.0875**		**473.4621**	**473.4621**	**0.1531**		**477.2902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0642	0.0426	0.5946	1.7600e-003	0.1788	1.4000e-003	0.1802	0.0474	1.2900e-003	0.0487		175.7940	175.7940	4.8500e-003		175.9153
Total	**0.0700**	**0.2272**	**0.6426**	**2.2700e-003**	**0.1916**	**1.7500e-003**	**0.1934**	**0.0511**	**1.6200e-003**	**0.0527**		**230.2912**	**230.2912**	**7.9800e-003**		**230.4906**

3.21 WTP - Building Construction 4 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2051	2.5264	2.7615	4.8900e-003		0.0951	0.0951		0.0875	0.0875	0.0000	473.4621	473.4621	0.1531		477.2902
Total	**0.2051**	**2.5264**	**2.7615**	**4.8900e-003**		**0.0951**	**0.0951**		**0.0875**	**0.0875**	**0.0000**	**473.4621**	**473.4621**	**0.1531**		**477.2902**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0642	0.0426	0.5946	1.7600e-003	0.1788	1.4000e-003	0.1802	0.0474	1.2900e-003	0.0487		175.7940	175.7940	4.8500e-003		175.9153
Total	**0.0700**	**0.2272**	**0.6426**	**2.2700e-003**	**0.1916**	**1.7500e-003**	**0.1934**	**0.0511**	**1.6200e-003**	**0.0527**		**230.2912**	**230.2912**	**7.9800e-003**		**230.4906**

3.22 WTP - Building Construction 1 - 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					
Off-Road	0.6447	6.1774	6.9638	0.0119		0.3154	0.3154		0.3019	0.3019		1,137.9965	1,137.9965	0.1962		1,142.9003
Total	**0.6447**	**6.1774**	**6.9638**	**0.0119**		**0.3154**	**0.3154**		**0.3019**	**0.3019**		**1,137.9965**	**1,137.9965**	**0.1962**		**1,142.9003**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	**0.0459**	**0.2113**	**0.4196**	**1.6100e-003**	**0.1246**	**1.2200e-003**	**0.1258**	**0.0333**	**1.1400e-003**	**0.0345**		**164.3684**	**164.3684**	**6.1600e-003**		**164.5224**

3.22 WTP - Building Construction 1 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6447	6.1774	6.9638	0.0119		0.3154	0.3154		0.3019	0.3019	0.0000	1,137.9965	1,137.9965	0.1962		1,142.9003
Total	**0.6447**	**6.1774**	**6.9638**	**0.0119**		**0.3154**	**0.3154**		**0.3019**	**0.3019**	**0.0000**	**1,137.9965**	**1,137.9965**	**0.1962**		**1,142.9003**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0402	0.0266	0.3716	1.1000e-003	0.1118	8.7000e-004	0.1127	0.0296	8.1000e-004	0.0305		109.8712	109.8712	3.0300e-003		109.9470
Total	**0.0459**	**0.2113**	**0.4196**	**1.6100e-003**	**0.1246**	**1.2200e-003**	**0.1258**	**0.0333**	**1.1400e-003**	**0.0345**		**164.3684**	**164.3684**	**6.1600e-003**		**164.5224**

3.23 WTP - Building Construction 2 - 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					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922		554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**		**554.7720**	**554.7720**	**0.1794**		**559.2576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0539**	**0.2166**	**0.4940**	**1.8300e-003**	**0.1469**	**1.4000e-003**	**0.1483**	**0.0393**	**1.3000e-003**	**0.0406**		**186.3427**	**186.3427**	**6.7700e-003**		**186.5118**

3.23 WTP - Building Construction 2 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**	**0.0000**	**554.7720**	**554.7720**	**0.1794**		**559.2576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0539**	**0.2166**	**0.4940**	**1.8300e-003**	**0.1469**	**1.4000e-003**	**0.1483**	**0.0393**	**1.3000e-003**	**0.0406**		**186.3427**	**186.3427**	**6.7700e-003**		**186.5118**

3.24 WTP - Building Construction 5 - 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					
Off-Road	0.1119	1.4803	2.2884	3.4500e-003		0.0516	0.0516		0.0475	0.0475		333.7545	333.7545	0.1079		336.4531
Total	**0.1119**	**1.4803**	**2.2884**	**3.4500e-003**		**0.0516**	**0.0516**		**0.0475**	**0.0475**		**333.7545**	**333.7545**	**0.1079**		**336.4531**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.0378**	**0.2060**	**0.3453**	**1.3900e-003**	**0.1022**	**1.0500e-003**	**0.1033**	**0.0274**	**9.7000e-004**	**0.0284**		**142.3942**	**142.3942**	**5.5600e-003**		**142.5330**

3.24 WTP - Building Construction 5 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1119	1.4803	2.2884	3.4500e-003		0.0516	0.0516		0.0475	0.0475	0.0000	333.7545	333.7545	0.1079		336.4531
Total	**0.1119**	**1.4803**	**2.2884**	**3.4500e-003**		**0.0516**	**0.0516**		**0.0475**	**0.0475**	**0.0000**	**333.7545**	**333.7545**	**0.1079**		**336.4531**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.0378**	**0.2060**	**0.3453**	**1.3900e-003**	**0.1022**	**1.0500e-003**	**0.1033**	**0.0274**	**9.7000e-004**	**0.0284**		**142.3942**	**142.3942**	**5.5600e-003**		**142.5330**

3.25 WTP - Building Construction 6 - 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					
Off-Road	0.5485	5.9614	6.9772	0.0178		0.2160	0.2160		0.1987	0.1987		1,718.3405	1,718.3405	0.5558		1,732.2341
Total	**0.5485**	**5.9614**	**6.9772**	**0.0178**		**0.2160**	**0.2160**		**0.1987**	**0.1987**		**1,718.3405**	**1,718.3405**	**0.5558**		**1,732.2341**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0964	0.0639	0.8919	2.6500e-003	0.2683	2.1000e-003	0.2704	0.0711	1.9300e-003	0.0731		263.6910	263.6910	7.2800e-003		263.8729
Total	**0.1021**	**0.2485**	**0.9399**	**3.1600e-003**	**0.2811**	**2.4500e-003**	**0.2835**	**0.0748**	**2.2600e-003**	**0.0771**		**318.1881**	**318.1881**	**0.0104**		**318.4483**

3.25 WTP - Building Construction 6 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5485	5.9614	6.9772	0.0178		0.2160	0.2160		0.1987	0.1987	0.0000	1,718.3405	1,718.3405	0.5558		1,732.2341
Total	**0.5485**	**5.9614**	**6.9772**	**0.0178**		**0.2160**	**0.2160**		**0.1987**	**0.1987**	**0.0000**	**1,718.3405**	**1,718.3405**	**0.5558**		**1,732.2341**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0964	0.0639	0.8919	2.6500e-003	0.2683	2.1000e-003	0.2704	0.0711	1.9300e-003	0.0731		263.6910	263.6910	7.2800e-003		263.8729
Total	**0.1021**	**0.2485**	**0.9399**	**3.1600e-003**	**0.2811**	**2.4500e-003**	**0.2835**	**0.0748**	**2.2600e-003**	**0.0771**		**318.1881**	**318.1881**	**0.0104**		**318.4483**

3.26 WTP - Building Construction 7 - 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					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922		554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**		**554.7720**	**554.7720**	**0.1794**		**559.2576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.0378**	**0.2060**	**0.3453**	**1.3900e-003**	**0.1022**	**1.0500e-003**	**0.1033**	**0.0274**	**9.7000e-004**	**0.0284**		**142.3942**	**142.3942**	**5.5600e-003**		**142.5330**

3.26 WTP - Building Construction 7 - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2232	2.8065	3.3085	5.7300e-003		0.1003	0.1003		0.0922	0.0922	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.2232**	**2.8065**	**3.3085**	**5.7300e-003**		**0.1003**	**0.1003**		**0.0922**	**0.0922**	**0.0000**	**554.7720**	**554.7720**	**0.1794**		**559.2576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0321	0.0213	0.2973	8.8000e-004	0.0894	7.0000e-004	0.0901	0.0237	6.4000e-004	0.0244		87.8970	87.8970	2.4300e-003		87.9576
Total	**0.0378**	**0.2060**	**0.3453**	**1.3900e-003**	**0.1022**	**1.0500e-003**	**0.1033**	**0.0274**	**9.7000e-004**	**0.0284**		**142.3942**	**142.3942**	**5.5600e-003**		**142.5330**

3.27 WTP - Architectural Coating - 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					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090		375.2641	375.2641	0.0244		375.8749
Total	**1.6246**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**		**375.2641**	**375.2641**	**0.0244**		**375.8749**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0539**	**0.2166**	**0.4940**	**1.8300e-003**	**0.1469**	**1.4000e-003**	**0.1483**	**0.0393**	**1.3000e-003**	**0.0406**		**186.3427**	**186.3427**	**6.7700e-003**		**186.5118**

3.27 WTP - Architectural Coating - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2727	1.8780	2.4181	3.9600e-003		0.1090	0.1090		0.1090	0.1090	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.6246**	**1.8780**	**2.4181**	**3.9600e-003**		**0.1090**	**0.1090**		**0.1090**	**0.1090**	**0.0000**	**375.2641**	**375.2641**	**0.0244**		**375.8749**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	5.7100e-003	0.1847	0.0480	5.1000e-004	0.0128	3.5000e-004	0.0132	3.6900e-003	3.3000e-004	4.0200e-003		54.4972	54.4972	3.1300e-003		54.5754
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0539**	**0.2166**	**0.4940**	**1.8300e-003**	**0.1469**	**1.4000e-003**	**0.1483**	**0.0393**	**1.3000e-003**	**0.0406**		**186.3427**	**186.3427**	**6.7700e-003**		**186.5118**

3.27 WTP - Architectural Coating - 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					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944		375.2641	375.2641	0.0225		375.8253
Total	**1.6074**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**		**375.2641**	**375.2641**	**0.0225**		**375.8253**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0453	0.0289	0.4107	1.2700e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		127.0178	127.0178	3.2800e-003		127.0999
Total	**0.0495**	**0.1690**	**0.4540**	**1.7600e-003**	**0.1469**	**1.1800e-003**	**0.1481**	**0.0393**	**1.0900e-003**	**0.0404**		**179.7993**	**179.7993**	**6.0500e-003**		**179.9506**

3.27 WTP - Architectural Coating - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.3519					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2556	1.7373	2.4148	3.9600e-003		0.0944	0.0944		0.0944	0.0944	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.6074**	**1.7373**	**2.4148**	**3.9600e-003**		**0.0944**	**0.0944**		**0.0944**	**0.0944**	**0.0000**	**375.2641**	**375.2641**	**0.0225**		**375.8253**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0453	0.0289	0.4107	1.2700e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		127.0178	127.0178	3.2800e-003		127.0999
Total	**0.0495**	**0.1690**	**0.4540**	**1.7600e-003**	**0.1469**	**1.1800e-003**	**0.1481**	**0.0393**	**1.0900e-003**	**0.0404**		**179.7993**	**179.7993**	**6.0500e-003**		**179.9506**

3.28 WTP - Paving - 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					
Off-Road	0.3732	3.8248	4.7443	7.3300e-003		0.1992	0.1992		0.1833	0.1833		709.3618	709.3618	0.2294		715.0973
Paving	0.0786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4518**	**3.8248**	**4.7443**	**7.3300e-003**		**0.1992**	**0.1992**		**0.1833**	**0.1833**		**709.3618**	**709.3618**	**0.2294**		**715.0973**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0114	0.3693	0.0961	1.0200e-003	0.0256	6.9000e-004	0.0263	7.3700e-003	6.6000e-004	8.0400e-003		108.9944	108.9944	6.2500e-003		109.1507
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0596**	**0.4013**	**0.5420**	**2.3400e-003**	**0.1597**	**1.7400e-003**	**0.1615**	**0.0429**	**1.6300e-003**	**0.0446**		**240.8398**	**240.8398**	**9.8900e-003**		**241.0872**

3.28 WTP - Paving - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3732	3.8248	4.7443	7.3300e-003		0.1992	0.1992		0.1833	0.1833	0.0000	709.3618	709.3618	0.2294		715.0973
Paving	0.0786					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4518**	**3.8248**	**4.7443**	**7.3300e-003**		**0.1992**	**0.1992**		**0.1833**	**0.1833**	**0.0000**	**709.3618**	**709.3618**	**0.2294**		**715.0973**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0114	0.3693	0.0961	1.0200e-003	0.0256	6.9000e-004	0.0263	7.3700e-003	6.6000e-004	8.0400e-003		108.9944	108.9944	6.2500e-003		109.1507
Worker	0.0482	0.0319	0.4459	1.3200e-003	0.1341	1.0500e-003	0.1352	0.0356	9.7000e-004	0.0365		131.8455	131.8455	3.6400e-003		131.9365
Total	**0.0596**	**0.4013**	**0.5420**	**2.3400e-003**	**0.1597**	**1.7400e-003**	**0.1615**	**0.0429**	**1.6300e-003**	**0.0446**		**240.8398**	**240.8398**	**9.8900e-003**		**241.0872**

3.29 Well - SM-11 Grading - Well Pad - 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					0.0213	0.0000	0.0213	2.4300e-003	0.0000	2.4300e-003			0.0000			0.0000
Off-Road	0.1237	0.9584	1.7831	2.9400e-003		0.0451	0.0451		0.0420	0.0420		275.3110	275.3110	0.0835		277.3983
Total	**0.1237**	**0.9584**	**1.7831**	**2.9400e-003**	**0.0213**	**0.0451**	**0.0663**	**2.4300e-003**	**0.0420**	**0.0445**		**275.3110**	**275.3110**	**0.0835**		**277.3983**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0187	0.5918	0.2046	2.6500e-003	0.0630	1.0700e-003	0.0640	0.0173	1.0300e-003	0.0183		288.5633	288.5633	0.0190		289.0373
Vendor	0.0127	0.4203	0.1301	1.4800e-003	0.0384	4.9000e-004	0.0389	0.0111	4.6000e-004	0.0115		158.3445	158.3445	8.3100e-003		158.5523
Worker	0.0453	0.0289	0.4107	1.2700e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		127.0178	127.0178	3.2800e-003		127.0999
Total	**0.0767**	**1.0410**	**0.7454**	**5.4000e-003**	**0.2355**	**2.5800e-003**	**0.2381**	**0.0639**	**2.4300e-003**	**0.0663**		**573.9256**	**573.9256**	**0.0306**		**574.6895**

3.29 Well - SM-11 Grading - Well Pad - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					9.5600e-003	0.0000	9.5600e-003	1.1000e-003	0.0000	1.1000e-003			0.0000			0.0000
Off-Road	0.1237	0.9584	1.7831	2.9400e-003		0.0451	0.0451		0.0420	0.0420	0.0000	275.3110	275.3110	0.0835		277.3983
Total	**0.1237**	**0.9584**	**1.7831**	**2.9400e-003**	**9.5600e-003**	**0.0451**	**0.0546**	**1.1000e-003**	**0.0420**	**0.0431**	**0.0000**	**275.3110**	**275.3110**	**0.0835**		**277.3983**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0187	0.5918	0.2046	2.6500e-003	0.0630	1.0700e-003	0.0640	0.0173	1.0300e-003	0.0183		288.5633	288.5633	0.0190		289.0373
Vendor	0.0127	0.4203	0.1301	1.4800e-003	0.0384	4.9000e-004	0.0389	0.0111	4.6000e-004	0.0115		158.3445	158.3445	8.3100e-003		158.5523
Worker	0.0453	0.0289	0.4107	1.2700e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		127.0178	127.0178	3.2800e-003		127.0999
Total	**0.0767**	**1.0410**	**0.7454**	**5.4000e-003**	**0.2355**	**2.5800e-003**	**0.2381**	**0.0639**	**2.4300e-003**	**0.0663**		**573.9256**	**573.9256**	**0.0306**		**574.6895**

3.30 Well - SM-11 Building Construction - Well Equipping - 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					
Off-Road	0.1212	1.0293	1.8830	3.7700e-003		0.0462	0.0462		0.0425	0.0425		364.4782	364.4782	0.1179		367.4252
Total	**0.1212**	**1.0293**	**1.8830**	**3.7700e-003**		**0.0462**	**0.0462**		**0.0425**	**0.0425**		**364.4782**	**364.4782**	**0.1179**		**367.4252**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0302	0.0193	0.2738	8.5000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		84.6786	84.6786	2.1900e-003		84.7332
Total	**0.0344**	**0.1594**	**0.3172**	**1.3400e-003**	**0.1022**	**8.4000e-004**	**0.1031**	**0.0274**	**7.8000e-004**	**0.0282**		**137.4601**	**137.4601**	**4.9600e-003**		**137.5840**

3.30 Well - SM-11 Building Construction - Well Equipping - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.1212	1.0293	1.8830	3.7700e-003		0.0462	0.0462		0.0425	0.0425	0.0000	364.4782	364.4782	0.1179		367.4252
Total	**0.1212**	**1.0293**	**1.8830**	**3.7700e-003**		**0.0462**	**0.0462**		**0.0425**	**0.0425**	**0.0000**	**364.4782**	**364.4782**	**0.1179**		**367.4252**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0302	0.0193	0.2738	8.5000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		84.6786	84.6786	2.1900e-003		84.7332
Total	**0.0344**	**0.1594**	**0.3172**	**1.3400e-003**	**0.1022**	**8.4000e-004**	**0.1031**	**0.0274**	**7.8000e-004**	**0.0282**		**137.4601**	**137.4601**	**4.9600e-003**		**137.5840**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 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					
Off-Road	0.0943	0.7743	1.6289	2.5800e-003		0.0379	0.0379		0.0349	0.0349		250.0528	250.0528	0.0809		252.0746
Total	**0.0943**	**0.7743**	**1.6289**	**2.5800e-003**		**0.0379**	**0.0379**		**0.0349**	**0.0349**		**250.0528**	**250.0528**	**0.0809**		**252.0746**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0302	0.0193	0.2738	8.5000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		84.6786	84.6786	2.1900e-003		84.7332
Total	**0.0344**	**0.1594**	**0.3172**	**1.3400e-003**	**0.1022**	**8.4000e-004**	**0.1031**	**0.0274**	**7.8000e-004**	**0.0282**		**137.4601**	**137.4601**	**4.9600e-003**		**137.5840**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.0943	0.7743	1.6289	2.5800e-003		0.0379	0.0379		0.0349	0.0349	0.0000	250.0528	250.0528	0.0809		252.0746
Total	**0.0943**	**0.7743**	**1.6289**	**2.5800e-003**		**0.0379**	**0.0379**		**0.0349**	**0.0349**	**0.0000**	**250.0528**	**250.0528**	**0.0809**		**252.0746**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	4.2300e-003	0.1401	0.0434	4.9000e-004	0.0128	1.6000e-004	0.0130	3.6900e-003	1.5000e-004	3.8400e-003		52.7815	52.7815	2.7700e-003		52.8508
Worker	0.0302	0.0193	0.2738	8.5000e-004	0.0894	6.8000e-004	0.0901	0.0237	6.3000e-004	0.0243		84.6786	84.6786	2.1900e-003		84.7332
Total	**0.0344**	**0.1594**	**0.3172**	**1.3400e-003**	**0.1022**	**8.4000e-004**	**0.1031**	**0.0274**	**7.8000e-004**	**0.0282**		**137.4601**	**137.4601**	**4.9600e-003**		**137.5840**

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	7.6400e-003	0.2173	0.0816	1.2200e-003	0.0370	4.2000e-004	0.0374	0.0106	4.0000e-004	0.0110		130.1695	130.1695	5.5200e-003		130.3076
Unmitigated	7.6400e-003	0.2173	0.0816	1.2200e-003	0.0370	4.2000e-004	0.0374	0.0106	4.0000e-004	0.0110		130.1695	130.1695	5.5200e-003		130.3076

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Industrial Park	2.00	0.00	0.00	10,400	10,400
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
Total	2.00	0.00	0.00	10,400	10,400

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Industrial Park	20.00	20.00	20.00	59.00	28.00	13.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
User Defined Industrial	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

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	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
NaturalGas Unmitigated	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211

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					
General Light Industry	520.685	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total		**5.6200e-003**	**0.0511**	**0.0429**	**3.1000e-004**		**3.8800e-003**	**3.8800e-003**		**3.8800e-003**	**3.8800e-003**		**61.2571**	**61.2571**	**1.1700e-003**	**1.1200e-003**	**61.6211**

5.2 Energy by Land Use - NaturalGas

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					
General Light Industry	0.520685	5.6200e-003	0.0511	0.0429	3.1000e-004		3.8800e-003	3.8800e-003		3.8800e-003	3.8800e-003		61.2571	61.2571	1.1700e-003	1.1200e-003	61.6211
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000
Total		**5.6200e-003**	**0.0511**	**0.0429**	**3.1000e-004**		**3.8800e-003**	**3.8800e-003**		**3.8800e-003**	**3.8800e-003**		**61.2571**	**61.2571**	**1.1700e-003**	**1.1200e-003**	**61.6211**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Unmitigated	1.4497	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003

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	0.0291					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4204					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Total	**1.4497**	**1.0000e-005**	**1.3800e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.9700e-003**	**2.9700e-003**	**1.0000e-005**		**3.1600e-003**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0291					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4204					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.3000e-004	1.0000e-005	1.3800e-003	0.0000		0.0000	0.0000		0.0000	0.0000		2.9700e-003	2.9700e-003	1.0000e-005		3.1600e-003
Total	**1.4497**	**1.0000e-005**	**1.3800e-003**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**2.9700e-003**	**2.9700e-003**	**1.0000e-005**		**3.1600e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Olympic Well Field Restoration and Arcadia WTP Expansion Project - Unmitigated

Los Angeles-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	10.50	1000sqft	0.24	10,500.00	0
Industrial Park	1.00	1000sqft	0.00	1,000.00	0
User Defined Industrial	0.74	User Defined Unit	0.74	32,400.00	0
User Defined Industrial	0.63	User Defined Unit	0.63	27,300.00	0
Other Asphalt Surfaces	0.69	Acre	0.69	30,056.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Section 1.0 Project Characteristics. Project within SCE (well field and pipeline) and LADWP (WTP) jurisdiction. LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value).

Land Use - See 1.1 Land Usage for surrogate land use assumed for modeling.

Construction Phase - Applicant-provided schedule.

Off-road Equipment - Pipeline - Continual Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Continual Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Final Pavement Striping: Applicant-provided data.
Off-road Equipment - Pipeline - Final Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Installation: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Slurry Backfill: Applicant-provided data.

Off-road Equipment - Pipeline - Site Preparation: Applicant-provided data.

Off-road Equipment - Well - SM-10 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-10 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-10 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-11 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-11 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-11 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-8 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-8 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-8 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - Well - SM-9 Building Construction - Artistic Fencing: Applicant-provided data.

Off-road Equipment - Well - SM-9 Building Construction - Well Equipping: Applicant-provided data.

Off-road Equipment - Well - SM-9 Grading - Well Pad: Applicant-provided data.

Off-road Equipment - WTP - Architectural Coating: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 1: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 2: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 3: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 4: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 5: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 6: Applicant-provided data.

Off-road Equipment - WTP - Building Construction 7: Applicant-provided data.

Off-road Equipment - WTP - Demolition: Applicant-provided data.

Off-road Equipment - WTP - Paving: Applicant-provided data.

Off-road Equipment - WTP - Site Preparation and Grading: Applicant-provided data.

Trips and VMT - Applicant-provided trip information.

On-road Fugitive Dust - CalEEMod default values.

Demolition - Demolition: WTP - Demolition. 5,725 SF total.

Grading - Applicant-provided grading information.

Architectural Coating - Calculated based on square footage of new buildings and asphalt surface striping.

Vehicle Trips - No net new worker operational trips anticipated. Minimal, infrequent net new truck deliveries anticipated (maximum 2 one-way trips per day).

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Vehicle Emission Factors - CalEEMod default values.

Road Dust - Operational mobile source emissions not estimated.

Woodstoves - No hearths.

Consumer Products - CalEEMod default values.

Area Coating - Operational architectural coating for 10,500 SF of building (conservative as some surfaces would not require coating).

Landscape Equipment - No increase in landscape maintenance activity from existing conditions.

Energy Use - CalEEMod default values for General Light Industry.

Water And Wastewater - CalEEMod default values for water use. 100% aerobic.

Solid Waste - CalEEMod default values.

Construction Off-road Equipment Mitigation - Water Exposed Area, Frequency: 2 times per day.

Mobile Land Use Mitigation - No traffic mitigation.

Mobile Commute Mitigation - No traffic mitigation.

Area Mitigation - No area mitigation.

Energy Mitigation - No energy mitigation.

Water Mitigation - No water mitigation.

Waste Mitigation - Percent Reduction in Waste Disposed: 50%. Waste diversion consistent with Assembly Bill 939.

Operational Off-Road Equipment - No operational offroad equipment.

Fleet Mix - Industrial Park: 50% MHDT/50% HHDT.

Stationary Sources - User Defined - No operational stationary sources.

Olympic Well Field Restoration and Arcadia WTP Expansion Project - Unmitigated - Los Angeles-South Coast County, Annual

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	5,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	15,750.00
tblArchitecturalCoating	ConstArea_Parking	1,803.00	1,944.00
tblArchitecturalCoating	ConstArea_Parking	1,803.00	1,944.00
tblArchitecturalCoating	ConstArea_Parking	1,803.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	35600	5250
tblAreaCoating	Area_Nonresidential_Interior	106800	15750
tblAreaCoating	Area_Parking	1803	1944
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstructionPhase	NumDays	10.00	60.00
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tblConstructionPhase	NumDays	6.00	60.00
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tblConstructionPhase	NumDays	6.00	10.00

tblConstructionPhase	NumDays	6.00	10.00
tblConstructionPhase	NumDays	10.00	60.00
tblConstructionPhase	NumDays	10.00	23.00
tblConstructionPhase	NumDays	3.00	5.00
tblEnergyUse	LightingElect	3.77	0.00
tblEnergyUse	NT24E	4.62	0.00
tblEnergyUse	NT24NG	0.39	0.00
tblEnergyUse	T24E	4.60	0.00
tblEnergyUse	T24NG	10.02	0.00
tblFleetMix	HHD	0.03	0.50
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.04	0.00
tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	6.2530e-003	0.00
tblFleetMix	MCY	5.2170e-003	0.00
tblFleetMix	MDV	0.12	0.00
tblFleetMix	MH	8.5000e-004	0.00
tblFleetMix	MHD	0.02	0.50
tblFleetMix	OBUS	2.5600e-003	0.00
tblFleetMix	SBUS	6.9600e-004	0.00
tblFleetMix	UBUS	2.0710e-003	0.00
tblGrading	AcresOfGrading	0.00	0.17
tblGrading	AcresOfGrading	0.00	0.17
tblGrading	AcresOfGrading	0.00	0.28
tblGrading	AcresOfGrading	0.00	0.74
tblGrading	AcresOfGrading	10.00	0.69

tblGrading	AcresOfGrading	0.00	0.17
tblGrading	MaterialExported	0.00	285.00
tblGrading	MaterialExported	0.00	285.00
tblGrading	MaterialExported	0.00	450.00
tblGrading	MaterialExported	0.00	4,075.00
tblGrading	MaterialExported	0.00	285.00
tblLandscapeEquipment	NumberSummerDays	250	1
tblLandUse	LandUseSquareFeet	0.00	27,300.00
tblLandUse	LandUseSquareFeet	0.00	32,400.00
tblLandUse	LotAcreage	0.02	0.00
tblLandUse	LotAcreage	0.00	0.63
tblLandUse	LotAcreage	0.00	0.74
tblOffRoadEquipment	HorsePower	132.00	320.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblSolidWaste	SolidWasteGenerationRate	1.24	0.00
tblTripsAndVMT	HaulingTripNumber	509.00	510.00
tblTripsAndVMT	HaulingTripNumber	26.00	70.00
tblTripsAndVMT	HaulingTripNumber	0.00	84.00
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tblVehicleTrips	CW_TL	16.60	20.00

tblVehicleTrips	DV_TP	19.00	0.00
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tblVehicleTrips	ST_TR	1.32	0.00
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tblVehicleTrips	WD_TR	6.97	0.00
tblVehicleTrips	WD_TR	6.83	2.00
tblWater	AerobicPercent	87.46	100.00
tblWater	AnaerobicandFacultativeLagoonsPercent	2.21	0.00
tblWater	IndoorWaterUseRate	231,250.00	0.00
tblWater	SepticTankPercent	10.33	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	8.5300e-003	0.0929	0.0924	2.5000e-004	6.2800e-003	2.7400e-003	9.0300e-003	1.6400e-003	2.5400e-003	4.1800e-003	0.0000	23.1355	23.1355	4.2100e-003	0.0000	23.2408
2021	0.0578	0.5066	0.5443	1.2100e-003	0.0212	0.0196	0.0408	5.6600e-003	0.0181	0.0237	0.0000	110.1310	110.1310	0.0234	0.0000	110.7168
2022	0.2221	1.7766	2.0143	4.1600e-003	0.1244	0.0752	0.1996	0.0499	0.0707	0.1206	0.0000	367.0084	367.0084	0.0786	0.0000	368.9722
2023	0.0180	0.0483	0.0785	1.8000e-004	4.4900e-003	1.9300e-003	6.4200e-003	1.1900e-003	1.8400e-003	3.0300e-003	0.0000	16.2954	16.2954	2.7100e-003	0.0000	16.3632
Maximum	**0.2221**	**1.7766**	**2.0143**	**4.1600e-003**	**0.1244**	**0.0752**	**0.1996**	**0.0499**	**0.0707**	**0.1206**	**0.0000**	**367.0084**	**367.0084**	**0.0786**	**0.0000**	**368.9722**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	8.5300e-003	0.0929	0.0924	2.5000e-004	6.0700e-003	2.7400e-003	8.8100e-003	1.6200e-003	2.5400e-003	4.1500e-003	0.0000	23.1355	23.1355	4.2100e-003	0.0000	23.2408
2021	0.0578	0.5066	0.5443	1.2100e-003	0.0208	0.0196	0.0405	5.6100e-003	0.0181	0.0237	0.0000	110.1309	110.1309	0.0234	0.0000	110.7167
2022	0.2221	1.7766	2.0143	4.1600e-003	0.0896	0.0752	0.1647	0.0314	0.0707	0.1022	0.0000	367.0080	367.0080	0.0786	0.0000	368.9719
2023	0.0180	0.0483	0.0785	1.8000e-004	4.4300e-003	1.9300e-003	6.3600e-003	1.1900e-003	1.8400e-003	3.0300e-003	0.0000	16.2954	16.2954	2.7100e-003	0.0000	16.3632
Maximum	**0.2221**	**1.7766**	**2.0143**	**4.1600e-003**	**0.0896**	**0.0752**	**0.1647**	**0.0314**	**0.0707**	**0.1022**	**0.0000**	**367.0080**	**367.0080**	**0.0786**	**0.0000**	**368.9719**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**22.70**	**0.00**	**13.88**	**31.74**	**0.00**	**12.23**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
4	**11-13-2020**	**2-12-2021**	0.1617	0.1617
5	**2-13-2021**	**5-12-2021**	0.3794	0.3794
6	**5-13-2021**	**8-12-2021**	0.1188	0.1188
8	**11-13-2021**	**2-12-2022**	0.2417	0.2417
9	**2-13-2022**	**5-12-2022**	0.7415	0.7415
10	**5-13-2022**	**8-12-2022**	0.6255	0.6255
11	**8-13-2022**	**11-12-2022**	0.2784	0.2784
12	**11-13-2022**	**2-12-2023**	0.1290	0.1290

14	**5-13-2023**	**8-12-2023**	0.0249	0.0249
15	**8-13-2023**	**9-30-2023**	0.0108	0.0108
		Highest	0.7415	0.7415

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2645	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	1.0200e-003	9.3200e-003	7.8300e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	69.9863	69.9863	1.7300e-003	5.0000e-004	70.1794
Mobile	1.0000e-003	0.0290	0.0108	1.6000e-004	4.7300e-003	6.0000e-005	4.7800e-003	1.3600e-003	5.0000e-005	1.4200e-003	0.0000	15.2630	15.2630	6.6000e-004	0.0000	15.2795
Waste						0.0000	0.0000		0.0000	0.0000	2.6429	0.0000	2.6429	0.1562	0.0000	6.5478
Water						0.0000	0.0000		0.0000	0.0000	0.8591	16.2341	17.0932	3.3700e-003	1.9500e-003	17.7598
Total	**0.2666**	**0.0383**	**0.0187**	**2.2000e-004**	**4.7300e-003**	**7.7000e-004**	**5.4900e-003**	**1.3600e-003**	**7.6000e-004**	**2.1300e-003**	**3.5020**	**101.4834**	**104.9854**	**0.1620**	**2.4500e-003**	**109.7665**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2645	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	1.0200e-003	9.3200e-003	7.8300e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	69.9863	69.9863	1.7300e-003	5.0000e-004	70.1794
Mobile	1.0000e-003	0.0290	0.0108	1.6000e-004	4.7300e-003	6.0000e-005	4.7800e-003	1.3600e-003	5.0000e-005	1.4200e-003	0.0000	15.2630	15.2630	6.6000e-004	0.0000	15.2795
Waste						0.0000	0.0000		0.0000	0.0000	1.3215	0.0000	1.3215	0.0781	0.0000	3.2739
Water						0.0000	0.0000		0.0000	0.0000	0.8591	16.2341	17.0932	3.3700e-003	1.9500e-003	17.7598
Total	**0.2666**	**0.0383**	**0.0187**	**2.2000e-004**	**4.7300e-003**	**7.7000e-004**	**5.4900e-003**	**1.3600e-003**	**7.6000e-004**	**2.1300e-003**	**2.1805**	**101.4834**	**103.6639**	**0.0839**	**2.4500e-003**	**106.4926**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**37.73**	**0.00**	**1.26**	**48.22**	**0.00**	**2.98**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Well - SM-10 Grading - Well Pad	Grading	11/27/2020	12/10/2020	5	10	
2	Well - SM-8 Grading - Well Pad	Grading	11/27/2020	12/10/2020	5	10	
3	Well - SM-9 Grading Well Pad	Grading	11/27/2020	12/10/2020	5	10	

4	Well - SM-10 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25
5	Well - SM-8 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25
6	Well - SM-9 Building Construction - Well Equipping	Building Construction	12/11/2020	1/14/2021	5	25
7	Well - SM-10 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15
8	Well - SM-8 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15
9	Well - SM-9 Building Construction - Artistic Fencing	Building Construction	1/15/2021	2/4/2021	5	15
10	Pipeline - Site Preparation	Site Preparation	2/28/2021	3/5/2021	5	5
11	Pipeline - Grading - Slurry Backfill	Grading	3/6/2021	5/28/2021	5	60
12	Pipeline - Grading - Installation	Grading	3/6/2021	5/28/2021	5	60
13	Pipeline - Continual Paving	Paving	3/6/2021	5/28/2021	5	60
14	Pipeline - Continual Pavement Striping	Architectural Coating	3/6/2021	5/28/2021	5	60
15	Pipeline - Final Paving	Paving	5/29/2021	6/11/2021	5	10
16	Pipeline - Final Pavement Striping	Architectural Coating	6/14/2021	6/14/2021	5	1
17	WTP - Demolition	Demolition	1/21/2022	2/24/2022	5	25
18	WTP - Site Preparation and Grading	Grading	2/1/2022	2/28/2022	5	20
19	WTP - Building Construction 3	Building Construction	3/1/2022	9/1/2022	5	133
20	WTP - Building Construction 4	Building Construction	3/1/2022	9/15/2022	5	143
21	WTP - Building Construction 1	Building Construction	3/1/2022	6/1/2022	5	67
22	WTP - Building Construction 2	Building Construction	3/1/2022	7/1/2022	5	89
23	WTP - Building Construction 5	Building Construction	4/1/2022	5/13/2022	5	31
24	WTP - Building Construction 6	Building Construction	5/1/2022	9/1/2022	5	89
25	WTP - Building Construction 7	Building Construction	8/1/2022	11/1/2022	5	67
26	WTP - Architectural Coating	Architectural Coating	10/15/2022	1/24/2023	5	72
27	WTP - Paving	Paving	11/1/2022	12/1/2022	5	23
28	Well - SM-11 Grading - Well Pad	Grading	7/1/2023	7/14/2023	5	10

29	Well - SM-11 Building Construction - Well Equipping	Building Construction	7/15/2023	8/18/2023	5	25	
30	Well - SM-11 Building Construction - Artistic Fencing	Building Construction	8/19/2023	9/8/2023	5	15	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.69

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,944 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Well - SM-10 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-10 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-10 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-10 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-10 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-8 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-8 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-8 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-8 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-8 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-9 Grading Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-9 Grading Well Pad	Excavators	1	4.00	158	0.38
Well - SM-9 Grading Well Pad	Graders	0	8.00	187	0.41
Well - SM-9 Grading Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-9 Grading Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37

Well - SM-10 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-10 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-10 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-10 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-10 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-10 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-10 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-10 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-8 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-8 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-8 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-8 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-8 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-8 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40
Well - SM-8 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-8 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-9 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-9 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-9 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-9 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-9 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-9 Building Construction - Well Equipping	Rough Terrain Forklifts	0	6.00	100	0.40

Well - SM-9 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-10 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-10 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-10 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-10 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-10 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-10 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Well - SM-8 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-8 Building Construction - Artistic Fencing	Excavators	0	4.00	158	0.38
Well - SM-8 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-8 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-8 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-8 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-8 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45
Well - SM-9 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-9 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-9 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-9 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-9 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-9 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45

Pipeline - Site Preparation	Graders	0	8.00	187	0.41
Pipeline - Site Preparation	Pavers	1	8.00	130	0.42
Pipeline - Site Preparation	Scrapers	0	8.00	367	0.48
Pipeline - Site Preparation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Grading - Slurry Backfill	Cement and Mortar Mixers	1	4.00	9	0.56
Pipeline - Grading - Slurry Backfill	Graders	0	8.00	187	0.41
Pipeline - Grading - Slurry Backfill	Rubber Tired Dozers	0	8.00	247	0.40
Pipeline - Grading - Slurry Backfill	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Grading - Installation	Excavators	2	8.00	158	0.38
Pipeline - Grading - Installation	Graders	0	8.00	187	0.41
Pipeline - Grading - Installation	Rollers	1	4.00	80	0.38
Pipeline - Grading - Installation	Rubber Tired Dozers	0	8.00	247	0.40
Pipeline - Grading - Installation	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Continual Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Pipeline - Continual Paving	Pavers	1	8.00	130	0.42
Pipeline - Continual Paving	Paving Equipment	0	8.00	132	0.36
Pipeline - Continual Paving	Rollers	1	8.00	80	0.38
Pipeline - Continual Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Continual Pavement Striping	Air Compressors	0	6.00	78	0.48
Pipeline - Final Paving	Cement and Mortar Mixers	0	8.00	9	0.56
Pipeline - Final Paving	Pavers	1	8.00	130	0.42
Pipeline - Final Paving	Paving Equipment	1	8.00	320	0.36
Pipeline - Final Paving	Rollers	1	8.00	80	0.38
Pipeline - Final Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Final Pavement Striping	Air Compressors	0	6.00	78	0.48
WTP - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
WTP - Demolition	Rubber Tired Dozers	1	8.00	247	0.40

WTP - Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
WTP - Site Preparation and Grading	Graders	1	8.00	187	0.41
WTP - Site Preparation and Grading	Rubber Tired Dozers	1	8.00	247	0.40
WTP - Site Preparation and Grading	Tractors/Loaders/Backhoes	2	7.00	97	0.37
WTP - Building Construction 3	Cranes	0	8.00	231	0.29
WTP - Building Construction 3	Forklifts	0	7.00	89	0.20
WTP - Building Construction 3	Generator Sets	1	8.00	84	0.74
WTP - Building Construction 3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
WTP - Building Construction 3	Welders	0	8.00	46	0.45
WTP - Building Construction 4	Cranes	1	2.00	231	0.29
WTP - Building Construction 4	Forklifts	0	7.00	89	0.20
WTP - Building Construction 4	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 4	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 4	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 4	Welders	0	8.00	46	0.45
WTP - Building Construction 1	Cranes	1	2.00	231	0.29
WTP - Building Construction 1	Forklifts	1	4.00	89	0.20
WTP - Building Construction 1	Generator Sets	1	8.00	84	0.74
WTP - Building Construction 1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
WTP - Building Construction 1	Welders	0	8.00	46	0.45
WTP - Building Construction 2	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 2	Cranes	1	2.00	231	0.29
WTP - Building Construction 2	Forklifts	0	7.00	89	0.20
WTP - Building Construction 2	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 2	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 2	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 2	Welders	0	8.00	46	0.45

WTP - Building Construction 5	Cranes	0	8.00	231	0.29
WTP - Building Construction 5	Forklifts	0	7.00	89	0.20
WTP - Building Construction 5	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 5	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 5	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 5	Welders	0	8.00	46	0.45
WTP - Building Construction 6	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 6	Bore/Drill Rigs	1	8.00	221	0.50
WTP - Building Construction 6	Cranes	1	2.00	231	0.29
WTP - Building Construction 6	Excavators	1	4.00	158	0.38
WTP - Building Construction 6	Forklifts	0	7.00	89	0.20
WTP - Building Construction 6	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 6	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 6	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 6	Welders	0	8.00	46	0.45
WTP - Building Construction 7	Aerial Lifts	1	4.00	63	0.31
WTP - Building Construction 7	Cranes	1	2.00	231	0.29
WTP - Building Construction 7	Forklifts	0	7.00	89	0.20
WTP - Building Construction 7	Generator Sets	0	8.00	84	0.74
WTP - Building Construction 7	Rough Terrain Forklifts	1	8.00	100	0.40
WTP - Building Construction 7	Tractors/Loaders/Backhoes	0	6.00	97	0.37
WTP - Building Construction 7	Welders	0	8.00	46	0.45
WTP - Architectural Coating	Air Compressors	1	8.00	78	0.48
WTP - Paving	Cement and Mortar Mixers	0	8.00	9	0.56
WTP - Paving	Pavers	1	8.00	130	0.42
WTP - Paving	Paving Equipment	0	8.00	132	0.36
WTP - Paving	Rollers	1	8.00	80	0.38

WTP - Paving	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Well - SM-11 Grading - Well Pad	Cement and Mortar Mixers	1	4.00	9	0.56
Well - SM-11 Grading - Well Pad	Excavators	1	4.00	158	0.38
Well - SM-11 Grading - Well Pad	Graders	0	8.00	187	0.41
Well - SM-11 Grading - Well Pad	Rubber Tired Dozers	0	8.00	247	0.40
Well - SM-11 Grading - Well Pad	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Well - SM-11 Building Construction - Well Equipping	Bore/Drill Rigs	1	1.00	221	0.50
Well - SM-11 Building Construction - Well Equipping	Cranes	0	8.00	231	0.29
Well - SM-11 Building Construction - Well Equipping	Excavators	1	4.00	158	0.38
Well - SM-11 Building Construction - Well Equipping	Forklifts	0	7.00	89	0.20
Well - SM-11 Building Construction - Well Equipping	Generator Sets	0	8.00	84	0.74
Well - SM-11 Building Construction - Well Equipping	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-11 Building Construction - Well Equipping	Welders	0	8.00	46	0.45
Well - SM-11 Building Construction - Artistic Fencing	Cranes	0	8.00	231	0.29
Well - SM-11 Building Construction - Artistic Fencing	Excavators	1	4.00	158	0.38
Well - SM-11 Building Construction - Artistic Fencing	Forklifts	0	7.00	89	0.20
Well - SM-11 Building Construction - Artistic Fencing	Generator Sets	0	8.00	84	0.74
Well - SM-11 Building Construction - Artistic Fencing	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Well - SM-11 Building Construction - Artistic Fencing	Welders	0	8.00	46	0.45

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
Well - SM-10 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Well - SM-8 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Grading Well Pad	2	12.00	6.00	56.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-10 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-10 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-8 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-9 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Site Preparation	1	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Slurry Backfill	1	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Installation	3	12.00	4.00	510.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Paving	2	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Paving	3	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Demolition	5	14.00	0.00	70.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Site Preparation and Gradi	4	12.00	0.00	84.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 3	2	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 4	2	16.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 1	4	10.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 2	3	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 5	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 6	5	24.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 7	3	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Architectural Coating	1	12.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Paving	2	12.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Grading - Well Pad	2	12.00	6.00	36.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Well - SM-11 Building Construction - Well Eq	2	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Well - SM-11 Building Construction - Artistic	1	8.00	2.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Well - SM-10 Grading - Well Pad - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1000e-004	0.0000	1.1000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	6.9500e-003	8.9400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**7.6000e-004**	**6.9500e-003**	**8.9400e-003**	**1.0000e-005**	**1.1000e-004**	**3.3000e-004**	**4.4000e-004**	**1.0000e-005**	**3.0000e-004**	**3.1000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.2 Well - SM-10 Grading - Well Pad - 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	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.1800e-003	1.0000e-005	3.1000e-004	2.0000e-005	3.3000e-004	8.0000e-005	2.0000e-005	1.0000e-004	0.0000	1.3874	1.3874	1.0000e-004	0.0000	1.3898
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**5.5000e-004**	**8.8200e-003**	**4.5300e-003**	**3.0000e-005**	**1.1600e-003**	**5.0000e-005**	**1.1900e-003**	**3.0000e-004**	**4.0000e-005**	**3.5000e-004**	**0.0000**	**2.7455**	**2.7455**	**1.7000e-004**	**0.0000**	**2.7496**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	6.9500e-003	8.9400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**7.6000e-004**	**6.9500e-003**	**8.9400e-003**	**1.0000e-005**	**5.0000e-005**	**3.3000e-004**	**3.8000e-004**	**1.0000e-005**	**3.0000e-004**	**3.1000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.2 Well - SM-10 Grading - Well Pad - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.1800e-003	1.0000e-005	3.1000e-004	2.0000e-005	3.3000e-004	8.0000e-005	2.0000e-005	1.0000e-004	0.0000	1.3874	1.3874	1.0000e-004	0.0000	1.3898
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**5.5000e-004**	**8.8200e-003**	**4.5300e-003**	**3.0000e-005**	**1.1600e-003**	**5.0000e-005**	**1.1900e-003**	**3.0000e-004**	**4.0000e-005**	**3.5000e-004**	**0.0000**	**2.7455**	**2.7455**	**1.7000e-004**	**0.0000**	**2.7496**

3.3 Well - SM-8 Grading - Well Pad - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1000e-004	0.0000	1.1000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	6.9500e-003	8.9400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**7.6000e-004**	**6.9500e-003**	**8.9400e-003**	**1.0000e-005**	**1.1000e-004**	**3.3000e-004**	**4.4000e-004**	**1.0000e-005**	**3.0000e-004**	**3.1000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.3 Well - SM-8 Grading - Well Pad - 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	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.1800e-003	1.0000e-005	3.1000e-004	2.0000e-005	3.3000e-004	8.0000e-005	2.0000e-005	1.0000e-004	0.0000	1.3874	1.3874	1.0000e-004	0.0000	1.3898
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**5.5000e-004**	**8.8200e-003**	**4.5300e-003**	**3.0000e-005**	**1.1600e-003**	**5.0000e-005**	**1.1900e-003**	**3.0000e-004**	**4.0000e-005**	**3.5000e-004**	**0.0000**	**2.7455**	**2.7455**	**1.7000e-004**	**0.0000**	**2.7496**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	6.9500e-003	8.9400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**7.6000e-004**	**6.9500e-003**	**8.9400e-003**	**1.0000e-005**	**5.0000e-005**	**3.3000e-004**	**3.8000e-004**	**1.0000e-005**	**3.0000e-004**	**3.1000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.3 Well - SM-8 Grading - Well Pad - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3500e-003	1.1800e-003	1.0000e-005	3.1000e-004	2.0000e-005	3.3000e-004	8.0000e-005	2.0000e-005	1.0000e-004	0.0000	1.3874	1.3874	1.0000e-004	0.0000	1.3898
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**5.5000e-004**	**8.8200e-003**	**4.5300e-003**	**3.0000e-005**	**1.1600e-003**	**5.0000e-005**	**1.1900e-003**	**3.0000e-004**	**4.0000e-005**	**3.5000e-004**	**0.0000**	**2.7455**	**2.7455**	**1.7000e-004**	**0.0000**	**2.7496**

3.4 Well - SM-9 Grading Well Pad - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7000e-004	0.0000	1.7000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	6.9500e-003	8.9400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**7.6000e-004**	**6.9500e-003**	**8.9400e-003**	**1.0000e-005**	**1.7000e-004**	**3.3000e-004**	**5.0000e-004**	**2.0000e-005**	**3.0000e-004**	**3.2000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.4 Well - SM-9 Grading Well Pad - 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	tons/yr										MT/yr					
Hauling	2.5000e-004	8.3200e-003	1.8300e-003	2.0000e-005	4.8000e-004	3.0000e-005	5.1000e-004	1.3000e-004	2.0000e-005	1.6000e-004	0.0000	2.1582	2.1582	1.5000e-004	0.0000	2.1620
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**6.4000e-004**	**0.0118**	**5.1800e-003**	**4.0000e-005**	**1.3300e-003**	**6.0000e-005**	**1.3700e-003**	**3.5000e-004**	**4.0000e-005**	**4.1000e-004**	**0.0000**	**3.5163**	**3.5163**	**2.2000e-004**	**0.0000**	**3.5217**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					8.0000e-005	0.0000	8.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.6000e-004	6.9500e-003	8.9400e-003	1.0000e-005		3.3000e-004	3.3000e-004		3.0000e-004	3.0000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**7.6000e-004**	**6.9500e-003**	**8.9400e-003**	**1.0000e-005**	**8.0000e-005**	**3.3000e-004**	**4.1000e-004**	**1.0000e-005**	**3.0000e-004**	**3.1000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.4 Well - SM-9 Grading Well Pad - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.5000e-004	8.3200e-003	1.8300e-003	2.0000e-005	4.8000e-004	3.0000e-005	5.1000e-004	1.3000e-004	2.0000e-005	1.6000e-004	0.0000	2.1582	2.1582	1.5000e-004	0.0000	2.1620
Vendor	1.1000e-004	3.2500e-003	8.8000e-004	1.0000e-005	1.9000e-004	2.0000e-005	2.0000e-004	5.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.7453	0.7453	5.0000e-005	0.0000	0.7465
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**6.4000e-004**	**0.0118**	**5.1800e-003**	**4.0000e-005**	**1.3300e-003**	**6.0000e-005**	**1.3700e-003**	**3.5000e-004**	**4.0000e-005**	**4.1000e-004**	**0.0000**	**3.5163**	**3.5163**	**2.2000e-004**	**0.0000**	**3.5217**

3.5 Well - SM-10 Building Construction - Well Equipping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1800e-003	0.0124	0.0142	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**1.1800e-003**	**0.0124**	**0.0142**	**3.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4752**	**2.4752**	**8.0000e-004**	**0.0000**	**2.4952**

3.5 Well - SM-10 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.4000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3726	0.3726	2.0000e-005	0.0000	0.3732
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**3.3000e-004**	**1.8500e-003**	**2.9100e-003**	**1.0000e-005**	**7.5000e-004**	**2.0000e-005**	**7.6000e-004**	**2.0000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.9855**	**0.9855**	**4.0000e-005**	**0.0000**	**0.9865**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1800e-003	0.0124	0.0142	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**1.1800e-003**	**0.0124**	**0.0142**	**3.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4752**	**2.4752**	**8.0000e-004**	**0.0000**	**2.4952**

3.5 Well - SM-10 Building Construction - Well Equipping - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.4000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3726	0.3726	2.0000e-005	0.0000	0.3732
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**3.3000e-004**	**1.8500e-003**	**2.9100e-003**	**1.0000e-005**	**7.5000e-004**	**2.0000e-005**	**7.6000e-004**	**2.0000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.9855**	**0.9855**	**4.0000e-005**	**0.0000**	**0.9865**

3.5 Well - SM-10 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3000e-004	7.2700e-003	9.4800e-003	2.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**7.3000e-004**	**7.2700e-003**	**9.4800e-003**	**2.0000e-005**		**3.2000e-004**	**3.2000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.6516**	**1.6516**	**5.3000e-004**	**0.0000**	**1.6649**

3.5 Well - SM-10 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.7000e-004	1.3000e-004	1.5100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3956	0.3956	1.0000e-005	0.0000	0.3959
Total	**2.0000e-004**	**1.1200e-003**	**1.7800e-003**	**0.0000**	**5.0000e-004**	**0.0000**	**5.1000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.6421**	**0.6421**	**3.0000e-005**	**0.0000**	**0.6427**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3000e-004	7.2700e-003	9.4800e-003	2.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**7.3000e-004**	**7.2700e-003**	**9.4800e-003**	**2.0000e-005**		**3.2000e-004**	**3.2000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.6516**	**1.6516**	**5.3000e-004**	**0.0000**	**1.6649**

3.5 Well - SM-10 Building Construction - Well Equipping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.7000e-004	1.3000e-004	1.5100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3956	0.3956	1.0000e-005	0.0000	0.3959
Total	**2.0000e-004**	**1.1200e-003**	**1.7800e-003**	**0.0000**	**5.0000e-004**	**0.0000**	**5.1000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.6421**	**0.6421**	**3.0000e-005**	**0.0000**	**0.6427**

3.6 Well - SM-8 Building Construction - Well Equipping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1800e-003	0.0124	0.0142	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**1.1800e-003**	**0.0124**	**0.0142**	**3.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4752**	**2.4752**	**8.0000e-004**	**0.0000**	**2.4952**

3.6 Well - SM-8 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.4000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3726	0.3726	2.0000e-005	0.0000	0.3732
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**3.3000e-004**	**1.8500e-003**	**2.9100e-003**	**1.0000e-005**	**7.5000e-004**	**2.0000e-005**	**7.6000e-004**	**2.0000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.9855**	**0.9855**	**4.0000e-005**	**0.0000**	**0.9865**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1800e-003	0.0124	0.0142	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**1.1800e-003**	**0.0124**	**0.0142**	**3.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4752**	**2.4752**	**8.0000e-004**	**0.0000**	**2.4952**

3.6 Well - SM-8 Building Construction - Well Equipping - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.4000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3726	0.3726	2.0000e-005	0.0000	0.3732
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**3.3000e-004**	**1.8500e-003**	**2.9100e-003**	**1.0000e-005**	**7.5000e-004**	**2.0000e-005**	**7.6000e-004**	**2.0000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.9855**	**0.9855**	**4.0000e-005**	**0.0000**	**0.9865**

3.6 Well - SM-8 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3000e-004	7.2700e-003	9.4800e-003	2.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**7.3000e-004**	**7.2700e-003**	**9.4800e-003**	**2.0000e-005**		**3.2000e-004**	**3.2000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.6516**	**1.6516**	**5.3000e-004**	**0.0000**	**1.6649**

3.6 Well - SM-8 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.7000e-004	1.3000e-004	1.5100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3956	0.3956	1.0000e-005	0.0000	0.3959
Total	**2.0000e-004**	**1.1200e-003**	**1.7800e-003**	**0.0000**	**5.0000e-004**	**0.0000**	**5.1000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.6421**	**0.6421**	**3.0000e-005**	**0.0000**	**0.6427**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3000e-004	7.2700e-003	9.4800e-003	2.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**7.3000e-004**	**7.2700e-003**	**9.4800e-003**	**2.0000e-005**		**3.2000e-004**	**3.2000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.6516**	**1.6516**	**5.3000e-004**	**0.0000**	**1.6649**

3.6 Well - SM-8 Building Construction - Well Equipping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.7000e-004	1.3000e-004	1.5100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3956	0.3956	1.0000e-005	0.0000	0.3959
Total	**2.0000e-004**	**1.1200e-003**	**1.7800e-003**	**0.0000**	**5.0000e-004**	**0.0000**	**5.1000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.6421**	**0.6421**	**3.0000e-005**	**0.0000**	**0.6427**

3.7 Well - SM-9 Building Construction - Well Equipping - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1800e-003	0.0124	0.0142	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**1.1800e-003**	**0.0124**	**0.0142**	**3.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4752**	**2.4752**	**8.0000e-004**	**0.0000**	**2.4952**

3.7 Well - SM-9 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.4000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3726	0.3726	2.0000e-005	0.0000	0.3732
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**3.3000e-004**	**1.8500e-003**	**2.9100e-003**	**1.0000e-005**	**7.5000e-004**	**2.0000e-005**	**7.6000e-004**	**2.0000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.9855**	**0.9855**	**4.0000e-005**	**0.0000**	**0.9865**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1800e-003	0.0124	0.0142	3.0000e-005		5.3000e-004	5.3000e-004		4.9000e-004	4.9000e-004	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**1.1800e-003**	**0.0124**	**0.0142**	**3.0000e-005**		**5.3000e-004**	**5.3000e-004**		**4.9000e-004**	**4.9000e-004**	**0.0000**	**2.4752**	**2.4752**	**8.0000e-004**	**0.0000**	**2.4952**

3.7 Well - SM-9 Building Construction - Well Equipping - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.6300e-003	4.4000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	3.0000e-005	0.0000	0.3726	0.3726	2.0000e-005	0.0000	0.3732
Worker	2.8000e-004	2.2000e-004	2.4700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	1.0000e-005	1.8000e-004	0.0000	0.6128	0.6128	2.0000e-005	0.0000	0.6133
Total	**3.3000e-004**	**1.8500e-003**	**2.9100e-003**	**1.0000e-005**	**7.5000e-004**	**2.0000e-005**	**7.6000e-004**	**2.0000e-004**	**2.0000e-005**	**2.1000e-004**	**0.0000**	**0.9855**	**0.9855**	**4.0000e-005**	**0.0000**	**0.9865**

3.7 Well - SM-9 Building Construction - Well Equipping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3000e-004	7.2700e-003	9.4800e-003	2.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**7.3000e-004**	**7.2700e-003**	**9.4800e-003**	**2.0000e-005**		**3.2000e-004**	**3.2000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.6516**	**1.6516**	**5.3000e-004**	**0.0000**	**1.6649**

3.7 Well - SM-9 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.7000e-004	1.3000e-004	1.5100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3956	0.3956	1.0000e-005	0.0000	0.3959
Total	**2.0000e-004**	**1.1200e-003**	**1.7800e-003**	**0.0000**	**5.0000e-004**	**0.0000**	**5.1000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.6421**	**0.6421**	**3.0000e-005**	**0.0000**	**0.6427**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3000e-004	7.2700e-003	9.4800e-003	2.0000e-005		3.2000e-004	3.2000e-004		2.9000e-004	2.9000e-004	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**7.3000e-004**	**7.2700e-003**	**9.4800e-003**	**2.0000e-005**		**3.2000e-004**	**3.2000e-004**		**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.6516**	**1.6516**	**5.3000e-004**	**0.0000**	**1.6649**

3.7 Well - SM-9 Building Construction - Well Equipping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.7000e-004	1.3000e-004	1.5100e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.3956	0.3956	1.0000e-005	0.0000	0.3959
Total	**2.0000e-004**	**1.1200e-003**	**1.7800e-003**	**0.0000**	**5.0000e-004**	**0.0000**	**5.1000e-004**	**1.4000e-004**	**0.0000**	**1.4000e-004**	**0.0000**	**0.6421**	**0.6421**	**3.0000e-005**	**0.0000**	**0.6427**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	8.0800e-003	0.0123	2.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**8.6000e-004**	**8.0800e-003**	**0.0123**	**2.0000e-005**		**3.9000e-004**	**3.9000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**1.7016**	**1.7016**	**5.5000e-004**	**0.0000**	**1.7154**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.4800e-003	4.0000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3697	0.3697	2.0000e-005	0.0000	0.3703
Worker	2.6000e-004	2.0000e-004	2.2700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5934	0.5934	2.0000e-005	0.0000	0.5938
Total	**3.1000e-004**	**1.6800e-003**	**2.6700e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9631**	**0.9631**	**4.0000e-005**	**0.0000**	**0.9641**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	8.0800e-003	0.0123	2.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**8.6000e-004**	**8.0800e-003**	**0.0123**	**2.0000e-005**		**3.9000e-004**	**3.9000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**1.7016**	**1.7016**	**5.5000e-004**	**0.0000**	**1.7154**

3.8 Well - SM-10 Building Construction - Artistic Fencing - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.4800e-003	4.0000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3697	0.3697	2.0000e-005	0.0000	0.3703
Worker	2.6000e-004	2.0000e-004	2.2700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5934	0.5934	2.0000e-005	0.0000	0.5938
Total	**3.1000e-004**	**1.6800e-003**	**2.6700e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9631**	**0.9631**	**4.0000e-005**	**0.0000**	**0.9641**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	8.0800e-003	0.0123	2.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**8.6000e-004**	**8.0800e-003**	**0.0123**	**2.0000e-005**		**3.9000e-004**	**3.9000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**1.7016**	**1.7016**	**5.5000e-004**	**0.0000**	**1.7154**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.4800e-003	4.0000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3697	0.3697	2.0000e-005	0.0000	0.3703
Worker	2.6000e-004	2.0000e-004	2.2700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5934	0.5934	2.0000e-005	0.0000	0.5938
Total	**3.1000e-004**	**1.6800e-003**	**2.6700e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9631**	**0.9631**	**4.0000e-005**	**0.0000**	**0.9641**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	8.0800e-003	0.0123	2.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**8.6000e-004**	**8.0800e-003**	**0.0123**	**2.0000e-005**		**3.9000e-004**	**3.9000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**1.7016**	**1.7016**	**5.5000e-004**	**0.0000**	**1.7154**

3.9 Well - SM-8 Building Construction - Artistic Fencing - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.4800e-003	4.0000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3697	0.3697	2.0000e-005	0.0000	0.3703
Worker	2.6000e-004	2.0000e-004	2.2700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5934	0.5934	2.0000e-005	0.0000	0.5938
Total	**3.1000e-004**	**1.6800e-003**	**2.6700e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9631**	**0.9631**	**4.0000e-005**	**0.0000**	**0.9641**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	8.0800e-003	0.0123	2.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**8.6000e-004**	**8.0800e-003**	**0.0123**	**2.0000e-005**		**3.9000e-004**	**3.9000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**1.7016**	**1.7016**	**5.5000e-004**	**0.0000**	**1.7154**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.4800e-003	4.0000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3697	0.3697	2.0000e-005	0.0000	0.3703
Worker	2.6000e-004	2.0000e-004	2.2700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5934	0.5934	2.0000e-005	0.0000	0.5938
Total	**3.1000e-004**	**1.6800e-003**	**2.6700e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9631**	**0.9631**	**4.0000e-005**	**0.0000**	**0.9641**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.6000e-004	8.0800e-003	0.0123	2.0000e-005		3.9000e-004	3.9000e-004		3.6000e-004	3.6000e-004	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**8.6000e-004**	**8.0800e-003**	**0.0123**	**2.0000e-005**		**3.9000e-004**	**3.9000e-004**		**3.6000e-004**	**3.6000e-004**	**0.0000**	**1.7016**	**1.7016**	**5.5000e-004**	**0.0000**	**1.7154**

3.10 Well - SM-9 Building Construction - Artistic Fencing - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.4800e-003	4.0000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3697	0.3697	2.0000e-005	0.0000	0.3703
Worker	2.6000e-004	2.0000e-004	2.2700e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5934	0.5934	2.0000e-005	0.0000	0.5938
Total	**3.1000e-004**	**1.6800e-003**	**2.6700e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9631**	**0.9631**	**4.0000e-005**	**0.0000**	**0.9641**

3.11 Pipeline - Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2000e-004	6.4900e-003	7.2600e-003	1.0000e-005		3.1000e-004	3.1000e-004		2.9000e-004	2.9000e-004	0.0000	1.0321	1.0321	3.3000e-004	0.0000	1.0404
Total	**6.2000e-004**	**6.4900e-003**	**7.2600e-003**	**1.0000e-005**	**0.0000**	**3.1000e-004**	**3.1000e-004**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.0321**	**1.0321**	**3.3000e-004**	**0.0000**	**1.0404**

3.11 Pipeline - Site Preparation - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.1000e-004	8.0000e-005	9.5000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2472	0.2472	1.0000e-005	0.0000	0.2474
Total	**1.4000e-004**	**1.0700e-003**	**1.2200e-003**	**0.0000**	**3.3000e-004**	**0.0000**	**3.5000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.4937**	**0.4937**	**3.0000e-005**	**0.0000**	**0.4943**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2000e-004	6.4900e-003	7.2600e-003	1.0000e-005		3.1000e-004	3.1000e-004		2.9000e-004	2.9000e-004	0.0000	1.0321	1.0321	3.3000e-004	0.0000	1.0404
Total	**6.2000e-004**	**6.4900e-003**	**7.2600e-003**	**1.0000e-005**	**0.0000**	**3.1000e-004**	**3.1000e-004**	**0.0000**	**2.9000e-004**	**2.9000e-004**	**0.0000**	**1.0321**	**1.0321**	**3.3000e-004**	**0.0000**	**1.0404**

3.11 Pipeline - Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	9.9000e-004	2.7000e-004	0.0000	6.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2465	0.2465	2.0000e-005	0.0000	0.2469
Worker	1.1000e-004	8.0000e-005	9.5000e-004	0.0000	2.7000e-004	0.0000	2.8000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.2472	0.2472	1.0000e-005	0.0000	0.2474
Total	**1.4000e-004**	**1.0700e-003**	**1.2200e-003**	**0.0000**	**3.3000e-004**	**0.0000**	**3.5000e-004**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.4937**	**0.4937**	**3.0000e-005**	**0.0000**	**0.4943**

3.12 Pipeline - Grading - Slurry Backfill - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8000e-004	5.5200e-003	4.6300e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	0.6874	0.6874	7.0000e-005	0.0000	0.6892
Total	**8.8000e-004**	**5.5200e-003**	**4.6300e-003**	**1.0000e-005**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**0.6874**	**0.6874**	**7.0000e-005**	**0.0000**	**0.6892**

3.12 Pipeline - Grading - Slurry Backfill - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	5.2000e-004	4.0000e-004	4.5400e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1867	1.1867	3.0000e-005	0.0000	1.1876
Total	**8.9000e-004**	**0.0122**	**7.7500e-003**	**4.0000e-005**	**2.0700e-003**	**3.0000e-005**	**2.1100e-003**	**5.7000e-004**	**3.0000e-005**	**6.0000e-004**	**0.0000**	**4.1447**	**4.1447**	**2.1000e-004**	**0.0000**	**4.1501**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.8000e-004	5.5200e-003	4.6300e-003	1.0000e-005		2.1000e-004	2.1000e-004		2.1000e-004	2.1000e-004	0.0000	0.6874	0.6874	7.0000e-005	0.0000	0.6892
Total	**8.8000e-004**	**5.5200e-003**	**4.6300e-003**	**1.0000e-005**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**2.1000e-004**	**0.0000**	**0.6874**	**0.6874**	**7.0000e-005**	**0.0000**	**0.6892**

3.12 Pipeline - Grading - Slurry Backfill - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	5.2000e-004	4.0000e-004	4.5400e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1867	1.1867	3.0000e-005	0.0000	1.1876
Total	**8.9000e-004**	**0.0122**	**7.7500e-003**	**4.0000e-005**	**2.0700e-003**	**3.0000e-005**	**2.1100e-003**	**5.7000e-004**	**3.0000e-005**	**6.0000e-004**	**0.0000**	**4.1447**	**4.1447**	**2.1000e-004**	**0.0000**	**4.1501**

3.13 Pipeline - Grading - Installation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					6.2000e-004	0.0000	6.2000e-004	8.0000e-005	0.0000	8.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1581	0.2245	3.5000e-004		8.0300e-003	8.0300e-003		7.3900e-003	7.3900e-003	0.0000	30.6836	30.6836	9.9200e-003	0.0000	30.9317
Total	**0.0166**	**0.1581**	**0.2245**	**3.5000e-004**	**6.2000e-004**	**8.0300e-003**	**8.6500e-003**	**8.0000e-005**	**7.3900e-003**	**7.4700e-003**	**0.0000**	**30.6836**	**30.6836**	**9.9200e-003**	**0.0000**	**30.9317**

3.13 Pipeline - Grading - Installation - 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	tons/yr										MT/yr					
Hauling	2.1500e-003	0.0706	0.0165	2.0000e-004	4.3800e-003	2.1000e-004	4.5900e-003	1.2000e-003	2.0000e-004	1.4100e-003	0.0000	19.4386	19.4386	1.3500e-003	0.0000	19.4723
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	1.5500e-003	1.2100e-003	0.0136	4.0000e-005	3.9400e-003	3.0000e-005	3.9800e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.5601	3.5601	1.0000e-004	0.0000	3.5627
Total	**4.0700e-003**	**0.0836**	**0.0333**	**2.7000e-004**	**9.0800e-003**	**2.6000e-004**	**9.3500e-003**	**2.4700e-003**	**2.5000e-004**	**2.7300e-003**	**0.0000**	**25.9566**	**25.9566**	**1.6300e-003**	**0.0000**	**25.9975**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.8000e-004	0.0000	2.8000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0166	0.1581	0.2245	3.5000e-004		8.0300e-003	8.0300e-003		7.3900e-003	7.3900e-003	0.0000	30.6835	30.6835	9.9200e-003	0.0000	30.9316
Total	**0.0166**	**0.1581**	**0.2245**	**3.5000e-004**	**2.8000e-004**	**8.0300e-003**	**8.3100e-003**	**3.0000e-005**	**7.3900e-003**	**7.4200e-003**	**0.0000**	**30.6835**	**30.6835**	**9.9200e-003**	**0.0000**	**30.9316**

3.13 Pipeline - Grading - Installation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1500e-003	0.0706	0.0165	2.0000e-004	4.3800e-003	2.1000e-004	4.5900e-003	1.2000e-003	2.0000e-004	1.4100e-003	0.0000	19.4386	19.4386	1.3500e-003	0.0000	19.4723
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	1.5500e-003	1.2100e-003	0.0136	4.0000e-005	3.9400e-003	3.0000e-005	3.9800e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.5601	3.5601	1.0000e-004	0.0000	3.5627
Total	**4.0700e-003**	**0.0836**	**0.0333**	**2.7000e-004**	**9.0800e-003**	**2.6000e-004**	**9.3500e-003**	**2.4700e-003**	**2.5000e-004**	**2.7300e-003**	**0.0000**	**25.9566**	**25.9566**	**1.6300e-003**	**0.0000**	**25.9975**

3.14 Pipeline - Continual Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0131	0.1356	0.1436	2.2000e-004		7.2900e-003	7.2900e-003		6.7100e-003	6.7100e-003	0.0000	19.2999	19.2999	6.2400e-003	0.0000	19.4559
Paving	9.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0140**	**0.1356**	**0.1436**	**2.2000e-004**		**7.2900e-003**	**7.2900e-003**		**6.7100e-003**	**6.7100e-003**	**0.0000**	**19.2999**	**19.2999**	**6.2400e-003**	**0.0000**	**19.4559**

3.14 Pipeline - Continual Paving - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	7.7000e-004	6.0000e-004	6.8100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.7801	1.7801	5.0000e-005	0.0000	1.7814
Total	**1.1400e-003**	**0.0124**	**0.0100**	**5.0000e-005**	**2.7300e-003**	**4.0000e-005**	**2.7700e-003**	**7.4000e-004**	**3.0000e-005**	**7.8000e-004**	**0.0000**	**4.7380**	**4.7380**	**2.3000e-004**	**0.0000**	**4.7439**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0131	0.1356	0.1436	2.2000e-004		7.2900e-003	7.2900e-003		6.7100e-003	6.7100e-003	0.0000	19.2999	19.2999	6.2400e-003	0.0000	19.4559
Paving	9.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0140**	**0.1356**	**0.1436**	**2.2000e-004**		**7.2900e-003**	**7.2900e-003**		**6.7100e-003**	**6.7100e-003**	**0.0000**	**19.2999**	**19.2999**	**6.2400e-003**	**0.0000**	**19.4559**

3.14 Pipeline - Continual Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	7.7000e-004	6.0000e-004	6.8100e-003	2.0000e-005	1.9700e-003	2.0000e-005	1.9900e-003	5.2000e-004	1.0000e-005	5.4000e-004	0.0000	1.7801	1.7801	5.0000e-005	0.0000	1.7814
Total	**1.1400e-003**	**0.0124**	**0.0100**	**5.0000e-005**	**2.7300e-003**	**4.0000e-005**	**2.7700e-003**	**7.4000e-004**	**3.0000e-005**	**7.8000e-004**	**0.0000**	**4.7380**	**4.7380**	**2.3000e-004**	**0.0000**	**4.7439**

3.15 Pipeline - Continual Pavement Striping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5100e-003**	**0.0000**	**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 Pipeline - Continual Pavement Striping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	5.2000e-004	4.0000e-004	4.5400e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1867	1.1867	3.0000e-005	0.0000	1.1876
Total	**8.9000e-004**	**0.0122**	**7.7500e-003**	**4.0000e-005**	**2.0700e-003**	**3.0000e-005**	**2.1100e-003**	**5.7000e-004**	**3.0000e-005**	**6.0000e-004**	**0.0000**	**4.1447**	**4.1447**	**2.1000e-004**	**0.0000**	**4.1501**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5100e-003**	**0.0000**	**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 Pipeline - Continual Pavement Striping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.7000e-004	0.0118	3.2100e-003	3.0000e-005	7.6000e-004	2.0000e-005	7.8000e-004	2.2000e-004	2.0000e-005	2.4000e-004	0.0000	2.9580	2.9580	1.8000e-004	0.0000	2.9625
Worker	5.2000e-004	4.0000e-004	4.5400e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1867	1.1867	3.0000e-005	0.0000	1.1876
Total	**8.9000e-004**	**0.0122**	**7.7500e-003**	**4.0000e-005**	**2.0700e-003**	**3.0000e-005**	**2.1100e-003**	**5.7000e-004**	**3.0000e-005**	**6.0000e-004**	**0.0000**	**4.1447**	**4.1447**	**2.1000e-004**	**0.0000**	**4.1501**

3.16 Pipeline - Final Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1800e-003	0.0226	0.0239	4.0000e-005		1.2200e-003	1.2200e-003		1.1200e-003	1.1200e-003	0.0000	3.2167	3.2167	1.0400e-003	0.0000	3.2427
Paving	9.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.0800e-003**	**0.0226**	**0.0239**	**4.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.1200e-003**	**1.1200e-003**	**0.0000**	**3.2167**	**3.2167**	**1.0400e-003**	**0.0000**	**3.2427**

3.16 Pipeline - Final Paving - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	1.9700e-003	5.4000e-004	1.0000e-005	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4930	0.4930	3.0000e-005	0.0000	0.4938
Worker	1.3000e-004	1.0000e-004	1.1300e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2967	0.2967	1.0000e-005	0.0000	0.2969
Total	**1.9000e-004**	**2.0700e-003**	**1.6700e-003**	**1.0000e-005**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.7897**	**0.7897**	**4.0000e-005**	**0.0000**	**0.7906**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.1800e-003	0.0226	0.0239	4.0000e-005		1.2200e-003	1.2200e-003		1.1200e-003	1.1200e-003	0.0000	3.2167	3.2167	1.0400e-003	0.0000	3.2427
Paving	9.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**3.0800e-003**	**0.0226**	**0.0239**	**4.0000e-005**		**1.2200e-003**	**1.2200e-003**		**1.1200e-003**	**1.1200e-003**	**0.0000**	**3.2167**	**3.2167**	**1.0400e-003**	**0.0000**	**3.2427**

3.16 Pipeline - Final Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.0000e-005	1.9700e-003	5.4000e-004	1.0000e-005	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4930	0.4930	3.0000e-005	0.0000	0.4938
Worker	1.3000e-004	1.0000e-004	1.1300e-003	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2967	0.2967	1.0000e-005	0.0000	0.2969
Total	**1.9000e-004**	**2.0700e-003**	**1.6700e-003**	**1.0000e-005**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.7897**	**0.7897**	**4.0000e-005**	**0.0000**	**0.7906**

3.17 Pipeline - Final Pavement Striping - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5100e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.17 Pipeline - Final Pavement Striping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	2.0000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0493	0.0493	0.0000	0.0000	0.0494
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**2.0000e-005**	**2.1000e-004**	**1.3000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0691**	**0.0691**	**0.0000**	**0.0000**	**0.0692**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	4.5100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.5100e-003**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

3.17 Pipeline - Final Pavement Striping - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	2.0000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0493	0.0493	0.0000	0.0000	0.0494
Worker	1.0000e-005	1.0000e-005	8.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0198	0.0198	0.0000	0.0000	0.0198
Total	**2.0000e-005**	**2.1000e-004**	**1.3000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0691**	**0.0691**	**0.0000**	**0.0000**	**0.0692**

3.18 WTP - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.8200e-003	0.0000	2.8200e-003	4.3000e-004	0.0000	4.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0211	0.2078	0.1745	3.0000e-004		0.0105	0.0105		9.7900e-003	9.7900e-003	0.0000	26.3471	26.3471	6.7100e-003	0.0000	26.5150
Total	**0.0211**	**0.2078**	**0.1745**	**3.0000e-004**	**2.8200e-003**	**0.0105**	**0.0133**	**4.3000e-004**	**9.7900e-003**	**0.0102**	**0.0000**	**26.3471**	**26.3471**	**6.7100e-003**	**0.0000**	**26.5150**

3.18 WTP - Demolition - 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	tons/yr										MT/yr					
Hauling	2.8000e-004	8.9900e-003	2.2300e-003	3.0000e-005	6.0000e-004	3.0000e-005	6.3000e-004	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	2.6363	2.6363	1.8000e-004	0.0000	2.6409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	5.3000e-004	6.1000e-003	2.0000e-005	1.9200e-003	2.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.6698	1.6698	5.0000e-005	0.0000	1.6709
Total	**9.9000e-004**	**9.5200e-003**	**8.3300e-003**	**5.0000e-005**	**2.5200e-003**	**5.0000e-005**	**2.5600e-003**	**6.8000e-004**	**3.0000e-005**	**7.1000e-004**	**0.0000**	**4.3061**	**4.3061**	**2.3000e-004**	**0.0000**	**4.3118**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.2700e-003	0.0000	1.2700e-003	1.9000e-004	0.0000	1.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0211	0.2078	0.1745	3.0000e-004		0.0105	0.0105		9.7900e-003	9.7900e-003	0.0000	26.3471	26.3471	6.7100e-003	0.0000	26.5149
Total	**0.0211**	**0.2078**	**0.1745**	**3.0000e-004**	**1.2700e-003**	**0.0105**	**0.0117**	**1.9000e-004**	**9.7900e-003**	**9.9800e-003**	**0.0000**	**26.3471**	**26.3471**	**6.7100e-003**	**0.0000**	**26.5149**

3.18 WTP - Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	8.9900e-003	2.2300e-003	3.0000e-005	6.0000e-004	3.0000e-005	6.3000e-004	1.7000e-004	2.0000e-005	1.9000e-004	0.0000	2.6363	2.6363	1.8000e-004	0.0000	2.6409
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.1000e-004	5.3000e-004	6.1000e-003	2.0000e-005	1.9200e-003	2.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.6698	1.6698	5.0000e-005	0.0000	1.6709
Total	**9.9000e-004**	**9.5200e-003**	**8.3300e-003**	**5.0000e-005**	**2.5200e-003**	**5.0000e-005**	**2.5600e-003**	**6.8000e-004**	**3.0000e-005**	**7.1000e-004**	**0.0000**	**4.3061**	**4.3061**	**2.3000e-004**	**0.0000**	**4.3118**

3.19 WTP - Site Preparation and Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0606	0.0000	0.0606	0.0331	0.0000	0.0331	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.1698	0.0922	2.1000e-004		7.4200e-003	7.4200e-003		6.8300e-003	6.8300e-003	0.0000	18.1027	18.1027	5.8500e-003	0.0000	18.2491
Total	**0.0154**	**0.1698**	**0.0922**	**2.1000e-004**	**0.0606**	**7.4200e-003**	**0.0680**	**0.0331**	**6.8300e-003**	**0.0400**	**0.0000**	**18.1027**	**18.1027**	**5.8500e-003**	**0.0000**	**18.2491**

3.19 WTP - Site Preparation and Grading - 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	tons/yr										MT/yr					
Hauling	3.4000e-004	0.0108	2.6800e-003	3.0000e-005	7.2000e-004	3.0000e-005	7.5000e-004	2.0000e-004	3.0000e-005	2.3000e-004	0.0000	3.1636	3.1636	2.2000e-004	0.0000	3.1690
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.6000e-004	4.1800e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1450	1.1450	3.0000e-005	0.0000	1.1458
Total	**8.2000e-004**	**0.0112**	**6.8600e-003**	**4.0000e-005**	**2.0300e-003**	**4.0000e-005**	**2.0800e-003**	**5.5000e-004**	**4.0000e-005**	**5.9000e-004**	**0.0000**	**4.3086**	**4.3086**	**2.5000e-004**	**0.0000**	**4.3148**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0273	0.0000	0.0273	0.0149	0.0000	0.0149	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.1698	0.0922	2.1000e-004		7.4200e-003	7.4200e-003		6.8300e-003	6.8300e-003	0.0000	18.1027	18.1027	5.8500e-003	0.0000	18.2491
Total	**0.0154**	**0.1698**	**0.0922**	**2.1000e-004**	**0.0273**	**7.4200e-003**	**0.0347**	**0.0149**	**6.8300e-003**	**0.0217**	**0.0000**	**18.1027**	**18.1027**	**5.8500e-003**	**0.0000**	**18.2491**

3.19 WTP - Site Preparation and Grading - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.4000e-004	0.0108	2.6800e-003	3.0000e-005	7.2000e-004	3.0000e-005	7.5000e-004	2.0000e-004	3.0000e-005	2.3000e-004	0.0000	3.1636	3.1636	2.2000e-004	0.0000	3.1690
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.8000e-004	3.6000e-004	4.1800e-003	1.0000e-005	1.3100e-003	1.0000e-005	1.3300e-003	3.5000e-004	1.0000e-005	3.6000e-004	0.0000	1.1450	1.1450	3.0000e-005	0.0000	1.1458
Total	**8.2000e-004**	**0.0112**	**6.8600e-003**	**4.0000e-005**	**2.0300e-003**	**4.0000e-005**	**2.0800e-003**	**5.5000e-004**	**4.0000e-005**	**5.9000e-004**	**0.0000**	**4.3086**	**4.3086**	**2.5000e-004**	**0.0000**	**4.3148**

3.20 WTP - Building Construction 3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0329	0.3062	0.3933	6.4000e-004		0.0158	0.0158		0.0153	0.0153	0.0000	55.7594	55.7594	7.6600e-003	0.0000	55.9510
Total	**0.0329**	**0.3062**	**0.3933**	**6.4000e-004**		**0.0158**	**0.0158**		**0.0153**	**0.0153**	**0.0000**	**55.7594**	**55.7594**	**7.6600e-003**	**0.0000**	**55.9510**

3.20 WTP - Building Construction 3 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9000e-004	0.0125	3.3700e-003	3.0000e-005	8.4000e-004	2.0000e-005	8.6000e-004	2.4000e-004	2.0000e-005	2.6000e-004	0.0000	3.2496	3.2496	1.9000e-004	0.0000	3.2545
Worker	3.2200e-003	2.4100e-003	0.0278	8.0000e-005	8.7400e-003	7.0000e-005	8.8100e-003	2.3200e-003	6.0000e-005	2.3900e-003	0.0000	7.6142	7.6142	2.1000e-004	0.0000	7.6194
Total	**3.6100e-003**	**0.0149**	**0.0312**	**1.1000e-004**	**9.5800e-003**	**9.0000e-005**	**9.6700e-003**	**2.5600e-003**	**8.0000e-005**	**2.6500e-003**	**0.0000**	**10.8638**	**10.8638**	**4.0000e-004**	**0.0000**	**10.8739**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0329	0.3062	0.3933	6.4000e-004		0.0158	0.0158		0.0153	0.0153	0.0000	55.7593	55.7593	7.6600e-003	0.0000	55.9509
Total	**0.0329**	**0.3062**	**0.3933**	**6.4000e-004**		**0.0158**	**0.0158**		**0.0153**	**0.0153**	**0.0000**	**55.7593**	**55.7593**	**7.6600e-003**	**0.0000**	**55.9509**

3.20 WTP - Building Construction 3 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.9000e-004	0.0125	3.3700e-003	3.0000e-005	8.4000e-004	2.0000e-005	8.6000e-004	2.4000e-004	2.0000e-005	2.6000e-004	0.0000	3.2496	3.2496	1.9000e-004	0.0000	3.2545
Worker	3.2200e-003	2.4100e-003	0.0278	8.0000e-005	8.7400e-003	7.0000e-005	8.8100e-003	2.3200e-003	6.0000e-005	2.3900e-003	0.0000	7.6142	7.6142	2.1000e-004	0.0000	7.6194
Total	**3.6100e-003**	**0.0149**	**0.0312**	**1.1000e-004**	**9.5800e-003**	**9.0000e-005**	**9.6700e-003**	**2.5600e-003**	**8.0000e-005**	**2.6500e-003**	**0.0000**	**10.8638**	**10.8638**	**4.0000e-004**	**0.0000**	**10.8739**

3.21 WTP - Building Construction 4 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0147	0.1806	0.1975	3.5000e-004		6.8000e-003	6.8000e-003		6.2500e-003	6.2500e-003	0.0000	30.7105	30.7105	9.9300e-003	0.0000	30.9588
Total	**0.0147**	**0.1806**	**0.1975**	**3.5000e-004**		**6.8000e-003**	**6.8000e-003**		**6.2500e-003**	**6.2500e-003**	**0.0000**	**30.7105**	**30.7105**	**9.9300e-003**	**0.0000**	**30.9588**

3.21 WTP - Building Construction 4 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2000e-004	0.0134	3.6200e-003	4.0000e-005	9.0000e-004	3.0000e-005	9.3000e-004	2.6000e-004	2.0000e-005	2.8000e-004	0.0000	3.4939	3.4939	2.1000e-004	0.0000	3.4992
Worker	4.6200e-003	3.4600e-003	0.0399	1.2000e-004	0.0125	1.0000e-004	0.0126	3.3300e-003	9.0000e-005	3.4200e-003	0.0000	10.9155	10.9155	3.0000e-004	0.0000	10.9231
Total	**5.0400e-003**	**0.0169**	**0.0435**	**1.6000e-004**	**0.0134**	**1.3000e-004**	**0.0136**	**3.5900e-003**	**1.1000e-004**	**3.7000e-003**	**0.0000**	**14.4095**	**14.4095**	**5.1000e-004**	**0.0000**	**14.4222**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0147	0.1806	0.1975	3.5000e-004		6.8000e-003	6.8000e-003		6.2500e-003	6.2500e-003	0.0000	30.7105	30.7105	9.9300e-003	0.0000	30.9588
Total	**0.0147**	**0.1806**	**0.1975**	**3.5000e-004**		**6.8000e-003**	**6.8000e-003**		**6.2500e-003**	**6.2500e-003**	**0.0000**	**30.7105**	**30.7105**	**9.9300e-003**	**0.0000**	**30.9588**

3.21 WTP - Building Construction 4 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.2000e-004	0.0134	3.6200e-003	4.0000e-005	9.0000e-004	3.0000e-005	9.3000e-004	2.6000e-004	2.0000e-005	2.8000e-004	0.0000	3.4939	3.4939	2.1000e-004	0.0000	3.4992
Worker	4.6200e-003	3.4600e-003	0.0399	1.2000e-004	0.0125	1.0000e-004	0.0126	3.3300e-003	9.0000e-005	3.4200e-003	0.0000	10.9155	10.9155	3.0000e-004	0.0000	10.9231
Total	**5.0400e-003**	**0.0169**	**0.0435**	**1.6000e-004**	**0.0134**	**1.3000e-004**	**0.0136**	**3.5900e-003**	**1.1000e-004**	**3.7000e-003**	**0.0000**	**14.4095**	**14.4095**	**5.1000e-004**	**0.0000**	**14.4222**

3.22 WTP - Building Construction 1 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0216	0.2069	0.2333	4.0000e-004		0.0106	0.0106		0.0101	0.0101	0.0000	34.5845	34.5845	5.9600e-003	0.0000	34.7335
Total	**0.0216**	**0.2069**	**0.2333**	**4.0000e-004**		**0.0106**	**0.0106**		**0.0101**	**0.0101**	**0.0000**	**34.5845**	**34.5845**	**5.9600e-003**	**0.0000**	**34.7335**

3.22 WTP - Building Construction 1 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.2800e-003	1.7000e-003	2.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.6370	1.6370	1.0000e-004	0.0000	1.6395
Worker	1.3500e-003	1.0100e-003	0.0117	4.0000e-005	3.6700e-003	3.0000e-005	3.7000e-003	9.8000e-004	3.0000e-005	1.0000e-003	0.0000	3.1964	3.1964	9.0000e-005	0.0000	3.1986
Total	**1.5500e-003**	**7.2900e-003**	**0.0134**	**6.0000e-005**	**4.0900e-003**	**4.0000e-005**	**4.1300e-003**	**1.1000e-003**	**4.0000e-005**	**1.1300e-003**	**0.0000**	**4.8334**	**4.8334**	**1.9000e-004**	**0.0000**	**4.8381**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0216	0.2069	0.2333	4.0000e-004		0.0106	0.0106		0.0101	0.0101	0.0000	34.5845	34.5845	5.9600e-003	0.0000	34.7335
Total	**0.0216**	**0.2069**	**0.2333**	**4.0000e-004**		**0.0106**	**0.0106**		**0.0101**	**0.0101**	**0.0000**	**34.5845**	**34.5845**	**5.9600e-003**	**0.0000**	**34.7335**

3.22 WTP - Building Construction 1 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.2800e-003	1.7000e-003	2.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.6370	1.6370	1.0000e-004	0.0000	1.6395
Worker	1.3500e-003	1.0100e-003	0.0117	4.0000e-005	3.6700e-003	3.0000e-005	3.7000e-003	9.8000e-004	3.0000e-005	1.0000e-003	0.0000	3.1964	3.1964	9.0000e-005	0.0000	3.1986
Total	**1.5500e-003**	**7.2900e-003**	**0.0134**	**6.0000e-005**	**4.0900e-003**	**4.0000e-005**	**4.1300e-003**	**1.1000e-003**	**4.0000e-005**	**1.1300e-003**	**0.0000**	**4.8334**	**4.8334**	**1.9000e-004**	**0.0000**	**4.8381**

3.23 WTP - Building Construction 2 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.9300e-003	0.1249	0.1472	2.6000e-004		4.4600e-003	4.4600e-003		4.1000e-003	4.1000e-003	0.0000	22.3960	22.3960	7.2400e-003	0.0000	22.5771
Total	**9.9300e-003**	**0.1249**	**0.1472**	**2.6000e-004**		**4.4600e-003**	**4.4600e-003**		**4.1000e-003**	**4.1000e-003**	**0.0000**	**22.3960**	**22.3960**	**7.2400e-003**	**0.0000**	**22.5771**

3.23 WTP - Building Construction 2 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.3400e-003	2.2500e-003	2.0000e-005	5.6000e-004	2.0000e-005	5.8000e-004	1.6000e-004	1.0000e-005	1.8000e-004	0.0000	2.1746	2.1746	1.3000e-004	0.0000	2.1778
Worker	2.1500e-003	1.6200e-003	0.0186	6.0000e-005	5.8500e-003	5.0000e-005	5.9000e-003	1.5500e-003	4.0000e-005	1.6000e-003	0.0000	5.0952	5.0952	1.4000e-004	0.0000	5.0987
Total	**2.4100e-003**	**9.9600e-003**	**0.0209**	**8.0000e-005**	**6.4100e-003**	**7.0000e-005**	**6.4800e-003**	**1.7100e-003**	**5.0000e-005**	**1.7800e-003**	**0.0000**	**7.2697**	**7.2697**	**2.7000e-004**	**0.0000**	**7.2765**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.9300e-003	0.1249	0.1472	2.6000e-004		4.4600e-003	4.4600e-003		4.1000e-003	4.1000e-003	0.0000	22.3960	22.3960	7.2400e-003	0.0000	22.5771
Total	**9.9300e-003**	**0.1249**	**0.1472**	**2.6000e-004**		**4.4600e-003**	**4.4600e-003**		**4.1000e-003**	**4.1000e-003**	**0.0000**	**22.3960**	**22.3960**	**7.2400e-003**	**0.0000**	**22.5771**

3.23 WTP - Building Construction 2 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.3400e-003	2.2500e-003	2.0000e-005	5.6000e-004	2.0000e-005	5.8000e-004	1.6000e-004	1.0000e-005	1.8000e-004	0.0000	2.1746	2.1746	1.3000e-004	0.0000	2.1778
Worker	2.1500e-003	1.6200e-003	0.0186	6.0000e-005	5.8500e-003	5.0000e-005	5.9000e-003	1.5500e-003	4.0000e-005	1.6000e-003	0.0000	5.0952	5.0952	1.4000e-004	0.0000	5.0987
Total	**2.4100e-003**	**9.9600e-003**	**0.0209**	**8.0000e-005**	**6.4100e-003**	**7.0000e-005**	**6.4800e-003**	**1.7100e-003**	**5.0000e-005**	**1.7800e-003**	**0.0000**	**7.2697**	**7.2697**	**2.7000e-004**	**0.0000**	**7.2765**

3.24 WTP - Building Construction 5 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7300e-003	0.0229	0.0355	5.0000e-005		8.0000e-004	8.0000e-004		7.4000e-004	7.4000e-004	0.0000	4.6930	4.6930	1.5200e-003	0.0000	4.7310
Total	**1.7300e-003**	**0.0229**	**0.0355**	**5.0000e-005**		**8.0000e-004**	**8.0000e-004**		**7.4000e-004**	**7.4000e-004**	**0.0000**	**4.6930**	**4.6930**	**1.5200e-003**	**0.0000**	**4.7310**

3.24 WTP - Building Construction 5 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.9100e-003	7.8000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.0000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7574	0.7574	5.0000e-005	0.0000	0.7586
Worker	5.0000e-004	3.8000e-004	4.3200e-003	1.0000e-005	1.3600e-003	1.0000e-005	1.3700e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.1832	1.1832	3.0000e-005	0.0000	1.1840
Total	**5.9000e-004**	**3.2900e-003**	**5.1000e-003**	**2.0000e-005**	**1.5600e-003**	**2.0000e-005**	**1.5700e-003**	**4.2000e-004**	**2.0000e-005**	**4.3000e-004**	**0.0000**	**1.9406**	**1.9406**	**8.0000e-005**	**0.0000**	**1.9425**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.7300e-003	0.0229	0.0355	5.0000e-005		8.0000e-004	8.0000e-004		7.4000e-004	7.4000e-004	0.0000	4.6930	4.6930	1.5200e-003	0.0000	4.7310
Total	**1.7300e-003**	**0.0229**	**0.0355**	**5.0000e-005**		**8.0000e-004**	**8.0000e-004**		**7.4000e-004**	**7.4000e-004**	**0.0000**	**4.6930**	**4.6930**	**1.5200e-003**	**0.0000**	**4.7310**

3.24 WTP - Building Construction 5 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.0000e-005	2.9100e-003	7.8000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.0000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7574	0.7574	5.0000e-005	0.0000	0.7586
Worker	5.0000e-004	3.8000e-004	4.3200e-003	1.0000e-005	1.3600e-003	1.0000e-005	1.3700e-003	3.6000e-004	1.0000e-005	3.7000e-004	0.0000	1.1832	1.1832	3.0000e-005	0.0000	1.1840
Total	**5.9000e-004**	**3.2900e-003**	**5.1000e-003**	**2.0000e-005**	**1.5600e-003**	**2.0000e-005**	**1.5700e-003**	**4.2000e-004**	**2.0000e-005**	**4.3000e-004**	**0.0000**	**1.9406**	**1.9406**	**8.0000e-005**	**0.0000**	**1.9425**

3.25 WTP - Building Construction 6 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0244	0.2653	0.3105	7.9000e-004		9.6100e-003	9.6100e-003		8.8400e-003	8.8400e-003	0.0000	69.3689	69.3689	0.0224	0.0000	69.9298
Total	**0.0244**	**0.2653**	**0.3105**	**7.9000e-004**		**9.6100e-003**	**9.6100e-003**		**8.8400e-003**	**8.8400e-003**	**0.0000**	**69.3689**	**69.3689**	**0.0224**	**0.0000**	**69.9298**

3.25 WTP - Building Construction 6 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.3400e-003	2.2500e-003	2.0000e-005	5.6000e-004	2.0000e-005	5.8000e-004	1.6000e-004	1.0000e-005	1.8000e-004	0.0000	2.1746	2.1746	1.3000e-004	0.0000	2.1778
Worker	4.3100e-003	3.2300e-003	0.0372	1.1000e-004	0.0117	9.0000e-005	0.0118	3.1100e-003	9.0000e-005	3.1900e-003	0.0000	10.1904	10.1904	2.8000e-004	0.0000	10.1974
Total	**4.5700e-003**	**0.0116**	**0.0395**	**1.3000e-004**	**0.0123**	**1.1000e-004**	**0.0124**	**3.2700e-003**	**1.0000e-004**	**3.3700e-003**	**0.0000**	**12.3649**	**12.3649**	**4.1000e-004**	**0.0000**	**12.3752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0244	0.2653	0.3105	7.9000e-004		9.6100e-003	9.6100e-003		8.8400e-003	8.8400e-003	0.0000	69.3688	69.3688	0.0224	0.0000	69.9297
Total	**0.0244**	**0.2653**	**0.3105**	**7.9000e-004**		**9.6100e-003**	**9.6100e-003**		**8.8400e-003**	**8.8400e-003**	**0.0000**	**69.3688**	**69.3688**	**0.0224**	**0.0000**	**69.9297**

3.25 WTP - Building Construction 6 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6000e-004	8.3400e-003	2.2500e-003	2.0000e-005	5.6000e-004	2.0000e-005	5.8000e-004	1.6000e-004	1.0000e-005	1.8000e-004	0.0000	2.1746	2.1746	1.3000e-004	0.0000	2.1778
Worker	4.3100e-003	3.2300e-003	0.0372	1.1000e-004	0.0117	9.0000e-005	0.0118	3.1100e-003	9.0000e-005	3.1900e-003	0.0000	10.1904	10.1904	2.8000e-004	0.0000	10.1974
Total	**4.5700e-003**	**0.0116**	**0.0395**	**1.3000e-004**	**0.0123**	**1.1000e-004**	**0.0124**	**3.2700e-003**	**1.0000e-004**	**3.3700e-003**	**0.0000**	**12.3649**	**12.3649**	**4.1000e-004**	**0.0000**	**12.3752**

3.26 WTP - Building Construction 7 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.4800e-003	0.0940	0.1108	1.9000e-004		3.3600e-003	3.3600e-003		3.0900e-003	3.0900e-003	0.0000	16.8599	16.8599	5.4500e-003	0.0000	16.9962
Total	**7.4800e-003**	**0.0940**	**0.1108**	**1.9000e-004**		**3.3600e-003**	**3.3600e-003**		**3.0900e-003**	**3.0900e-003**	**0.0000**	**16.8599**	**16.8599**	**5.4500e-003**	**0.0000**	**16.9962**

3.26 WTP - Building Construction 7 - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.2800e-003	1.7000e-003	2.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.6370	1.6370	1.0000e-004	0.0000	1.6395
Worker	1.0800e-003	8.1000e-004	9.3400e-003	3.0000e-005	2.9400e-003	2.0000e-005	2.9600e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.5571	2.5571	7.0000e-005	0.0000	2.5589
Total	**1.2800e-003**	**7.0900e-003**	**0.0110**	**5.0000e-005**	**3.3600e-003**	**3.0000e-005**	**3.3900e-003**	**9.0000e-004**	**3.0000e-005**	**9.3000e-004**	**0.0000**	**4.1942**	**4.1942**	**1.7000e-004**	**0.0000**	**4.1984**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.4800e-003	0.0940	0.1108	1.9000e-004		3.3600e-003	3.3600e-003		3.0900e-003	3.0900e-003	0.0000	16.8599	16.8599	5.4500e-003	0.0000	16.9962
Total	**7.4800e-003**	**0.0940**	**0.1108**	**1.9000e-004**		**3.3600e-003**	**3.3600e-003**		**3.0900e-003**	**3.0900e-003**	**0.0000**	**16.8599**	**16.8599**	**5.4500e-003**	**0.0000**	**16.9962**

3.26 WTP - Building Construction 7 - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-004	6.2800e-003	1.7000e-003	2.0000e-005	4.2000e-004	1.0000e-005	4.3000e-004	1.2000e-004	1.0000e-005	1.3000e-004	0.0000	1.6370	1.6370	1.0000e-004	0.0000	1.6395
Worker	1.0800e-003	8.1000e-004	9.3400e-003	3.0000e-005	2.9400e-003	2.0000e-005	2.9600e-003	7.8000e-004	2.0000e-005	8.0000e-004	0.0000	2.5571	2.5571	7.0000e-005	0.0000	2.5589
Total	**1.2800e-003**	**7.0900e-003**	**0.0110**	**5.0000e-005**	**3.3600e-003**	**3.0000e-005**	**3.3900e-003**	**9.0000e-004**	**3.0000e-005**	**9.3000e-004**	**0.0000**	**4.1942**	**4.1942**	**1.7000e-004**	**0.0000**	**4.1984**

3.27 WTP - Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-003	0.0516	0.0665	1.1000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	9.3619	9.3619	6.1000e-004	0.0000	9.3772
Total	**0.0447**	**0.0516**	**0.0665**	**1.1000e-004**		**3.0000e-003**	**3.0000e-003**		**3.0000e-003**	**3.0000e-003**	**0.0000**	**9.3619**	**9.3619**	**6.1000e-004**	**0.0000**	**9.3772**

3.27 WTP - Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	5.1600e-003	1.3900e-003	1.0000e-005	3.5000e-004	1.0000e-005	3.6000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	1.3438	1.3438	8.0000e-005	0.0000	1.3458
Worker	1.3300e-003	1.0000e-003	0.0115	3.0000e-005	3.6200e-003	3.0000e-005	3.6500e-003	9.6000e-004	3.0000e-005	9.9000e-004	0.0000	3.1487	3.1487	9.0000e-005	0.0000	3.1509
Total	**1.4900e-003**	**6.1600e-003**	**0.0129**	**4.0000e-005**	**3.9700e-003**	**4.0000e-005**	**4.0100e-003**	**1.0600e-003**	**4.0000e-005**	**1.1000e-003**	**0.0000**	**4.4925**	**4.4925**	**1.7000e-004**	**0.0000**	**4.4967**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0372					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5000e-003	0.0516	0.0665	1.1000e-004		3.0000e-003	3.0000e-003		3.0000e-003	3.0000e-003	0.0000	9.3619	9.3619	6.1000e-004	0.0000	9.3772
Total	**0.0447**	**0.0516**	**0.0665**	**1.1000e-004**		**3.0000e-003**	**3.0000e-003**		**3.0000e-003**	**3.0000e-003**	**0.0000**	**9.3619**	**9.3619**	**6.1000e-004**	**0.0000**	**9.3772**

3.27 WTP - Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6000e-004	5.1600e-003	1.3900e-003	1.0000e-005	3.5000e-004	1.0000e-005	3.6000e-004	1.0000e-004	1.0000e-005	1.1000e-004	0.0000	1.3438	1.3438	8.0000e-005	0.0000	1.3458
Worker	1.3300e-003	1.0000e-003	0.0115	3.0000e-005	3.6200e-003	3.0000e-005	3.6500e-003	9.6000e-004	3.0000e-005	9.9000e-004	0.0000	3.1487	3.1487	9.0000e-005	0.0000	3.1509
Total	**1.4900e-003**	**6.1600e-003**	**0.0129**	**4.0000e-005**	**3.9700e-003**	**4.0000e-005**	**4.0100e-003**	**1.0600e-003**	**4.0000e-005**	**1.1000e-003**	**0.0000**	**4.4925**	**4.4925**	**1.7000e-004**	**0.0000**	**4.4967**

3.27 WTP - Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0115					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1700e-003	0.0148	0.0205	3.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	2.8937	2.8937	1.7000e-004	0.0000	2.8980
Total	**0.0137**	**0.0148**	**0.0205**	**3.0000e-005**		**8.0000e-004**	**8.0000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**2.8937**	**2.8937**	**1.7000e-004**	**0.0000**	**2.8980**

3.27 WTP - Architectural Coating - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.2000e-003	3.9000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4024	0.4024	2.0000e-005	0.0000	0.4029
Worker	3.9000e-004	2.8000e-004	3.2700e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.0000e-004	0.0000	0.9376	0.9376	2.0000e-005	0.0000	0.9382
Total	**4.3000e-004**	**1.4800e-003**	**3.6600e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.3400**	**1.3400**	**4.0000e-005**	**0.0000**	**1.3411**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.0115					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.1700e-003	0.0148	0.0205	3.0000e-005		8.0000e-004	8.0000e-004		8.0000e-004	8.0000e-004	0.0000	2.8937	2.8937	1.7000e-004	0.0000	2.8980
Total	**0.0137**	**0.0148**	**0.0205**	**3.0000e-005**		**8.0000e-004**	**8.0000e-004**		**8.0000e-004**	**8.0000e-004**	**0.0000**	**2.8937**	**2.8937**	**1.7000e-004**	**0.0000**	**2.8980**

3.27 WTP - Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0000e-005	1.2000e-003	3.9000e-004	0.0000	1.1000e-004	0.0000	1.1000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.4024	0.4024	2.0000e-005	0.0000	0.4029
Worker	3.9000e-004	2.8000e-004	3.2700e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1300e-003	3.0000e-004	1.0000e-005	3.0000e-004	0.0000	0.9376	0.9376	2.0000e-005	0.0000	0.9382
Total	**4.3000e-004**	**1.4800e-003**	**3.6600e-003**	**1.0000e-005**	**1.2300e-003**	**1.0000e-005**	**1.2400e-003**	**3.3000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.3400**	**1.3400**	**4.0000e-005**	**0.0000**	**1.3411**

3.28 WTP - Paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2900e-003	0.0440	0.0546	8.0000e-005		2.2900e-003	2.2900e-003		2.1100e-003	2.1100e-003	0.0000	7.4005	7.4005	2.3900e-003	0.0000	7.4603
Paving	9.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.1900e-003**	**0.0440**	**0.0546**	**8.0000e-005**		**2.2900e-003**	**2.2900e-003**		**2.1100e-003**	**2.1100e-003**	**0.0000**	**7.4005**	**7.4005**	**2.3900e-003**	**0.0000**	**7.4603**

3.28 WTP - Paving - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.3100e-003	1.1600e-003	1.0000e-005	2.9000e-004	1.0000e-005	3.0000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.1239	1.1239	7.0000e-005	0.0000	1.1256
Worker	5.6000e-004	4.2000e-004	4.8100e-003	1.0000e-005	1.5100e-003	1.0000e-005	1.5200e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.3167	1.3167	4.0000e-005	0.0000	1.3176
Total	**6.9000e-004**	**4.7300e-003**	**5.9700e-003**	**2.0000e-005**	**1.8000e-003**	**2.0000e-005**	**1.8200e-003**	**4.8000e-004**	**2.0000e-005**	**5.0000e-004**	**0.0000**	**2.4407**	**2.4407**	**1.1000e-004**	**0.0000**	**2.4432**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.2900e-003	0.0440	0.0546	8.0000e-005		2.2900e-003	2.2900e-003		2.1100e-003	2.1100e-003	0.0000	7.4005	7.4005	2.3900e-003	0.0000	7.4603
Paving	9.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.1900e-003**	**0.0440**	**0.0546**	**8.0000e-005**		**2.2900e-003**	**2.2900e-003**		**2.1100e-003**	**2.1100e-003**	**0.0000**	**7.4005**	**7.4005**	**2.3900e-003**	**0.0000**	**7.4603**

3.28 WTP - Paving - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.3000e-004	4.3100e-003	1.1600e-003	1.0000e-005	2.9000e-004	1.0000e-005	3.0000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.1239	1.1239	7.0000e-005	0.0000	1.1256
Worker	5.6000e-004	4.2000e-004	4.8100e-003	1.0000e-005	1.5100e-003	1.0000e-005	1.5200e-003	4.0000e-004	1.0000e-005	4.1000e-004	0.0000	1.3167	1.3167	4.0000e-005	0.0000	1.3176
Total	**6.9000e-004**	**4.7300e-003**	**5.9700e-003**	**2.0000e-005**	**1.8000e-003**	**2.0000e-005**	**1.8200e-003**	**4.8000e-004**	**2.0000e-005**	**5.0000e-004**	**0.0000**	**2.4407**	**2.4407**	**1.1000e-004**	**0.0000**	**2.4432**

3.29 Well - SM-11 Grading - Well Pad - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1000e-004	0.0000	1.1000e-004	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2000e-004	4.7900e-003	8.9200e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.1000e-004	2.1000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**6.2000e-004**	**4.7900e-003**	**8.9200e-003**	**1.0000e-005**	**1.1000e-004**	**2.3000e-004**	**3.4000e-004**	**1.0000e-005**	**2.1000e-004**	**2.2000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.29 Well - SM-11 Grading - Well Pad - 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	tons/yr										MT/yr					
Hauling	9.0000e-005	3.0300e-003	1.0400e-003	1.0000e-005	3.1000e-004	1.0000e-005	3.1000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2994	1.2994	9.0000e-005	0.0000	1.3015
Vendor	6.0000e-005	2.1300e-003	6.8000e-004	1.0000e-005	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	0.7101	0.7101	4.0000e-005	0.0000	0.7110
Worker	2.3000e-004	1.6000e-004	1.9200e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5515	0.5515	1.0000e-005	0.0000	0.5519
Total	**3.8000e-004**	**5.3200e-003**	**3.6400e-003**	**3.0000e-005**	**1.1600e-003**	**2.0000e-005**	**1.1600e-003**	**3.0000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**2.5609**	**2.5609**	**1.4000e-004**	**0.0000**	**2.5644**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.2000e-004	4.7900e-003	8.9200e-003	1.0000e-005		2.3000e-004	2.3000e-004		2.1000e-004	2.1000e-004	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**6.2000e-004**	**4.7900e-003**	**8.9200e-003**	**1.0000e-005**	**5.0000e-005**	**2.3000e-004**	**2.8000e-004**	**1.0000e-005**	**2.1000e-004**	**2.2000e-004**	**0.0000**	**1.2488**	**1.2488**	**3.8000e-004**	**0.0000**	**1.2583**

3.29 Well - SM-11 Grading - Well Pad - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.0000e-005	3.0300e-003	1.0400e-003	1.0000e-005	3.1000e-004	1.0000e-005	3.1000e-004	8.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.2994	1.2994	9.0000e-005	0.0000	1.3015
Vendor	6.0000e-005	2.1300e-003	6.8000e-004	1.0000e-005	1.9000e-004	0.0000	1.9000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	0.7101	0.7101	4.0000e-005	0.0000	0.7110
Worker	2.3000e-004	1.6000e-004	1.9200e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5515	0.5515	1.0000e-005	0.0000	0.5519
Total	**3.8000e-004**	**5.3200e-003**	**3.6400e-003**	**3.0000e-005**	**1.1600e-003**	**2.0000e-005**	**1.1600e-003**	**3.0000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**2.5609**	**2.5609**	**1.4000e-004**	**0.0000**	**2.5644**

3.30 Well - SM-11 Building Construction - Well Equipping - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5200e-003	0.0129	0.0235	5.0000e-005		5.8000e-004	5.8000e-004		5.3000e-004	5.3000e-004	0.0000	4.1331	4.1331	1.3400e-003	0.0000	4.1665
Total	**1.5200e-003**	**0.0129**	**0.0235**	**5.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**4.1331**	**4.1331**	**1.3400e-003**	**0.0000**	**4.1665**

3.30 Well - SM-11 Building Construction - Well Equipping - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7700e-003	5.7000e-004	1.0000e-005	1.6000e-004	0.0000	1.6000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.5917	0.5917	3.0000e-005	0.0000	0.5925
Worker	3.8000e-004	2.7000e-004	3.2000e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9192	0.9192	2.0000e-005	0.0000	0.9198
Total	**4.3000e-004**	**2.0400e-003**	**3.7700e-003**	**2.0000e-005**	**1.2600e-003**	**1.0000e-005**	**1.2600e-003**	**3.4000e-004**	**1.0000e-005**	**3.5000e-004**	**0.0000**	**1.5110**	**1.5110**	**5.0000e-005**	**0.0000**	**1.5123**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.5200e-003	0.0129	0.0235	5.0000e-005		5.8000e-004	5.8000e-004		5.3000e-004	5.3000e-004	0.0000	4.1331	4.1331	1.3400e-003	0.0000	4.1665
Total	**1.5200e-003**	**0.0129**	**0.0235**	**5.0000e-005**		**5.8000e-004**	**5.8000e-004**		**5.3000e-004**	**5.3000e-004**	**0.0000**	**4.1331**	**4.1331**	**1.3400e-003**	**0.0000**	**4.1665**

3.30 Well - SM-11 Building Construction - Well Equipping - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.0000e-005	1.7700e-003	5.7000e-004	1.0000e-005	1.6000e-004	0.0000	1.6000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.5917	0.5917	3.0000e-005	0.0000	0.5925
Worker	3.8000e-004	2.7000e-004	3.2000e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	1.0000e-005	3.0000e-004	0.0000	0.9192	0.9192	2.0000e-005	0.0000	0.9198
Total	**4.3000e-004**	**2.0400e-003**	**3.7700e-003**	**2.0000e-005**	**1.2600e-003**	**1.0000e-005**	**1.2600e-003**	**3.4000e-004**	**1.0000e-005**	**3.5000e-004**	**0.0000**	**1.5110**	**1.5110**	**5.0000e-005**	**0.0000**	**1.5123**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1000e-004	5.8100e-003	0.0122	2.0000e-005		2.8000e-004	2.8000e-004		2.6000e-004	2.6000e-004	0.0000	1.7013	1.7013	5.5000e-004	0.0000	1.7151
Total	**7.1000e-004**	**5.8100e-003**	**0.0122**	**2.0000e-005**		**2.8000e-004**	**2.8000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**1.7013**	**1.7013**	**5.5000e-004**	**0.0000**	**1.7151**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.0600e-003	3.4000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3550	0.3550	2.0000e-005	0.0000	0.3555
Worker	2.3000e-004	1.6000e-004	1.9200e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5515	0.5515	1.0000e-005	0.0000	0.5519
Total	**2.6000e-004**	**1.2200e-003**	**2.2600e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9066**	**0.9066**	**3.0000e-005**	**0.0000**	**0.9074**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.1000e-004	5.8100e-003	0.0122	2.0000e-005		2.8000e-004	2.8000e-004		2.6000e-004	2.6000e-004	0.0000	1.7013	1.7013	5.5000e-004	0.0000	1.7151
Total	**7.1000e-004**	**5.8100e-003**	**0.0122**	**2.0000e-005**		**2.8000e-004**	**2.8000e-004**		**2.6000e-004**	**2.6000e-004**	**0.0000**	**1.7013**	**1.7013**	**5.5000e-004**	**0.0000**	**1.7151**

3.31 Well - SM-11 Building Construction - Artistic Fencing - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.0000e-005	1.0600e-003	3.4000e-004	0.0000	9.0000e-005	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3550	0.3550	2.0000e-005	0.0000	0.3555
Worker	2.3000e-004	1.6000e-004	1.9200e-003	1.0000e-005	6.6000e-004	1.0000e-005	6.6000e-004	1.7000e-004	0.0000	1.8000e-004	0.0000	0.5515	0.5515	1.0000e-005	0.0000	0.5519
Total	**2.6000e-004**	**1.2200e-003**	**2.2600e-003**	**1.0000e-005**	**7.5000e-004**	**1.0000e-005**	**7.6000e-004**	**2.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**0.9066**	**0.9066**	**3.0000e-005**	**0.0000**	**0.9074**

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	tons/yr										MT/yr					
Mitigated	1.0000e-003	0.0290	0.0108	1.6000e-004	4.7300e-003	6.0000e-005	4.7800e-003	1.3600e-003	5.0000e-005	1.4200e-003	0.0000	15.2630	15.2630	6.6000e-004	0.0000	15.2795
Unmitigated	1.0000e-003	0.0290	0.0108	1.6000e-004	4.7300e-003	6.0000e-005	4.7800e-003	1.3600e-003	5.0000e-005	1.4200e-003	0.0000	15.2630	15.2630	6.6000e-004	0.0000	15.2795

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Industrial Park	2.00	0.00	0.00	10,400	10,400
Other Asphalt Surfaces	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
User Defined Industrial	0.00	0.00	0.00		
Total	2.00	0.00	0.00	10,400	10,400

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	16.60	8.40	6.90	59.00	28.00	13.00	92	5	3
Industrial Park	20.00	20.00	20.00	59.00	28.00	13.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
Industrial Park	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.500000	0.500000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
User Defined Industrial	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	59.8445	59.8445	1.5300e-003	3.2000e-004	59.9774
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	59.8445	59.8445	1.5300e-003	3.2000e-004	59.9774
NaturalGas Mitigated	1.0200e-003	9.3200e-003	7.8300e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	10.1418	10.1418	1.9000e-004	1.9000e-004	10.2021
NaturalGas Unmitigated	1.0200e-003	9.3200e-003	7.8300e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	10.1418	10.1418	1.9000e-004	1.9000e-004	10.2021

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	tons/yr										MT/yr					
General Light Industry	190050	1.0200e-003	9.3200e-003	7.8300e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	10.1418	10.1418	1.9000e-004	1.9000e-004	10.2021
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000
Total		**1.0200e-003**	**9.3200e-003**	**7.8300e-003**	**6.0000e-005**		**7.1000e-004**	**7.1000e-004**		**7.1000e-004**	**7.1000e-004**	**0.0000**	**10.1418**	**10.1418**	**1.9000e-004**	**1.9000e-004**	**10.2021**

5.2 Energy by Land Use - NaturalGas

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	tons/yr										MT/yr					
General Light Industry	190050	1.0200e-003	9.3200e-003	7.8300e-003	6.0000e-005		7.1000e-004	7.1000e-004		7.1000e-004	7.1000e-004	0.0000	10.1418	10.1418	1.9000e-004	1.9000e-004	10.2021
Industrial Park	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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	0.0000	0.0000
Total		**1.0200e-003**	**9.3200e-003**	**7.8300e-003**	**6.0000e-005**		**7.1000e-004**	**7.1000e-004**		**7.1000e-004**	**7.1000e-004**	**0.0000**	**10.1418**	**10.1418**	**1.9000e-004**	**1.9000e-004**	**10.2021**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	116550	59.8445	1.5300e-003	3.2000e-004	59.9774
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**59.8445**	**1.5300e-003**	**3.2000e-004**	**59.9774**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	116550	59.8445	1.5300e-003	3.2000e-004	59.9774
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**59.8445**	**1.5300e-003**	**3.2000e-004**	**59.9774**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2645	0.0000	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	0.2645	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	5.3200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**0.2645**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	5.3200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2592					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	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	**0.2645**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	17.0932	3.3700e-003	1.9500e-003	17.7598
Unmitigated	17.0932	3.3700e-003	1.9500e-003	17.7598

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	2.42813 / 0	17.0932	3.3700e-003	1.9500e-003	17.7598
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**17.0932**	**3.3700e-003**	**1.9500e-003**	**17.7598**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	2.42813 / 0	17.0932	3.3700e-003	1.9500e-003	17.7598
Industrial Park	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**17.0932**	**3.3700e-003**	**1.9500e-003**	**17.7598**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.3215	0.0781	0.0000	3.2739
Unmitigated	2.6429	0.1562	0.0000	6.5478

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	13.02	2.6429	0.1562	0.0000	6.5478
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**2.6429**	**0.1562**	**0.0000**	**6.5478**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	6.51	1.3215	0.0781	0.0000	3.2739
Industrial Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Industrial	0	0.0000	0.0000	0.0000	0.0000
Total		**1.3215**	**0.0781**	**0.0000**	**3.2739**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Olympic Well Field Restoration and Arcadia WTP Expansion - Recycled Water Pipeline - Unmitigated

Los Angeles-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	0.14	User Defined Unit	0.14	6,098.40	0
Other Asphalt Surfaces	0.14	Acre	0.14	6,098.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Section 1.0 Project Characteristics. Project within SCE (well field and pipeline) and LADWP (WTP) jurisdiction. LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value).

Land Use - See 1.1 Land Usage for surrogate land use assumed for modeling.

Construction Phase - Applicant-provided schedule.

Off-road Equipment - Pipeline - Continual Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Continual Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Final Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Final Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Installation: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Slurry Backfill: Applicant-provided data.

Off-road Equipment - Pipeline - Site Preparation: Applicant-provided data.

Trips and VMT - Applicant-provided trip information.

On-road Fugitive Dust - CalEEMod default values.

Demolition - No demolition.

Grading - Applicant-provided grading information.

Architectural Coating - Calculated based on square footage of asphalt surface striping.

Vehicle Trips - No operational emissions.

Road Dust - No operational emissions.

Area Coating - No operational emissions.

Landscape Equipment - No operational emissions.

Energy Use - No operational emissions.

Water And Wastewater - No operational emissions.

Solid Waste - No operational emissions.

Construction Off-road Equipment Mitigation - Water Exposed Area, Frequency: 2 times per day.

Stationary Sources - User Defined - No operational emissions.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	3,049.00	0.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	3,049.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	9,148.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	9,148.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	3049	0
tblAreaCoating	Area_Nonresidential_Interior	9148	0
tblAreaCoating	Area_Parking	366	0
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	5.00	2.00
tblGrading	AcresOfGrading	0.00	0.14
tblGrading	MaterialExported	0.00	1,110.00
tblLandscapeEquipment	NumberSummerDays	250	1
tblLandUse	LandUseSquareFeet	0.00	6,098.40
tblLandUse	LotAcreage	0.00	0.14
tblOffRoadEquipment	HorsePower	132.00	320.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblTripsAndVMT	HaulingTripNumber	139.00	140.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	3.00	10.00
tblTripsAndVMT	WorkerTripNumber	3.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00

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					
2023	1.7222	11.0820	14.3493	0.0359	0.6653	0.3881	1.0534	0.1772	0.3578	0.5350	0.0000	3,634.4752	3,634.4752	0.7026	0.0000	3,652.0396
Maximum	**1.7222**	**11.0820**	**14.3493**	**0.0359**	**0.6653**	**0.3881**	**1.0534**	**0.1772**	**0.3578**	**0.5350**	**0.0000**	**3,634.4752**	**3,634.4752**	**0.7026**	**0.0000**	**3,652.0396**

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					
2023	1.7222	11.0820	14.3493	0.0359	0.6502	0.3881	1.0383	0.1753	0.3578	0.5331	0.0000	3,634.4752	3,634.4752	0.7026	0.0000	3,652.0396
Maximum	**1.7222**	**11.0820**	**14.3493**	**0.0359**	**0.6502**	**0.3881**	**1.0383**	**0.1753**	**0.3578**	**0.5331**	**0.0000**	**3,634.4752**	**3,634.4752**	**0.7026**	**0.0000**	**3,652.0396**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**2.27**	**0.00**	**1.43**	**1.08**	**0.00**	**0.36**	**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	0.1229	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1229**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

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	0.1229	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1229**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Pipeline - Site Preparation	Site Preparation	6/13/2023	6/13/2023	5	1	
2	Pipeline - Grading - Slurry Backfill	Grading	6/14/2023	6/27/2023	5	10	
3	Pipeline - Grading - Installation	Grading	6/14/2023	6/27/2023	5	10	
4	Pipeline - Continual Paving	Paving	6/14/2023	6/27/2023	5	10	
5	Pipeline - Final Paving	Paving	6/28/2023	6/29/2023	5	2	
6	Pipeline - Continual Pavement Striping	Architectural Coating	6/14/2023	6/27/2023	5	10	
7	Pipeline - Final Pavement Striping	Architectural Coating	6/30/2023	6/30/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.14

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 366 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Pipeline - Site Preparation	Graders	0	8.00	187	0.41
Pipeline - Site Preparation	Pavers	1	8.00	130	0.42
Pipeline - Site Preparation	Scrapers	0	8.00	367	0.48

Pipeline - Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Grading - Slurry Backfill	Cement and Mortar Mixers	1	4.00	9	0.56
Pipeline - Grading - Slurry Backfill	Concrete/Industrial Saws	0	8.00	81	0.73
Pipeline - Grading - Slurry Backfill	Graders	0	8.00	187	0.41
Pipeline - Grading - Slurry Backfill	Rubber Tired Dozers	0	1.00	247	0.40
Pipeline - Grading - Slurry Backfill	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Pipeline - Grading - Installation	Concrete/Industrial Saws	0	8.00	81	0.73
Pipeline - Grading - Installation	Excavators	2	8.00	158	0.38
Pipeline - Grading - Installation	Graders	0	8.00	187	0.41
Pipeline - Grading - Installation	Rollers	1	4.00	80	0.38
Pipeline - Grading - Installation	Rubber Tired Dozers	0	1.00	247	0.40
Pipeline - Grading - Installation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Pipeline - Continual Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Pipeline - Continual Paving	Pavers	1	8.00	130	0.42
Pipeline - Continual Paving	Paving Equipment	0	8.00	132	0.36
Pipeline - Continual Paving	Rollers	1	8.00	80	0.38
Pipeline - Continual Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Final Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Pipeline - Final Paving	Pavers	1	8.00	130	0.42
Pipeline - Final Paving	Paving Equipment	1	8.00	320	0.36
Pipeline - Final Paving	Rollers	1	8.00	80	0.38
Pipeline - Final Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Continual Pavement Striping	Air Compressors	0	6.00	78	0.48
Pipeline - Final Pavement Striping	Air Compressors	0	6.00	78	0.48

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
Pipeline - Site Preparation	1	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Slurry Backfill	1	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Installation	3	12.00	4.00	140.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Paving	2	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Paving	3	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Pipeline - Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1919	1.8828	2.8831	4.7000e-003		0.0886	0.0886		0.0815	0.0815		455.2174	455.2174	0.1472		458.8980
Total	**0.1919**	**1.8828**	**2.8831**	**4.7000e-003**	**0.0000**	**0.0886**	**0.0886**	**0.0000**	**0.0815**	**0.0815**		**455.2174**	**455.2174**	**0.1472**		**458.8980**

3.2 Pipeline - Site Preparation - 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		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	**0.0511**	**0.3056**	**0.4062**	**1.9600e-003**	**0.1374**	**1.1900e-003**	**0.1386**	**0.0370**	**1.1100e-003**	**0.0381**		**202.3686**	**202.3686**	**8.4300e-003**		**202.5793**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1919	1.8828	2.8831	4.7000e-003		0.0886	0.0886		0.0815	0.0815	0.0000	455.2174	455.2174	0.1472		458.8980
Total	**0.1919**	**1.8828**	**2.8831**	**4.7000e-003**	**0.0000**	**0.0886**	**0.0886**	**0.0000**	**0.0815**	**0.0815**	**0.0000**	**455.2174**	**455.2174**	**0.1472**		**458.8980**

3.2 Pipeline - Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0422	0.0266	0.3118	1.0000e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		99.6721	99.6721	2.5700e-003		99.7362
Total	**0.0511**	**0.3056**	**0.4062**	**1.9600e-003**	**0.1374**	**1.1900e-003**	**0.1386**	**0.0370**	**1.1100e-003**	**0.0381**		**202.3686**	**202.3686**	**8.4300e-003**		**202.5793**

3.3 Pipeline - Grading - Slurry Backfill - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003		25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**		**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

3.3 Pipeline - Grading - Slurry Backfill - 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		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0169	0.0107	0.1247	4.0000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		39.8688	39.8688	1.0300e-003		39.8945
Total	**0.0258**	**0.2896**	**0.2192**	**1.3600e-003**	**0.0703**	**6.8000e-004**	**0.0710**	**0.0192**	**6.4000e-004**	**0.0199**		**142.5653**	**142.5653**	**6.8900e-003**		**142.7376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003	0.0000	25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

3.3 Pipeline - Grading - Slurry Backfill - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0169	0.0107	0.1247	4.0000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		39.8688	39.8688	1.0300e-003		39.8945
Total	**0.0258**	**0.2896**	**0.2192**	**1.3600e-003**	**0.0703**	**6.8000e-004**	**0.0710**	**0.0192**	**6.4000e-004**	**0.0199**		**142.5653**	**142.5653**	**6.8900e-003**		**142.7376**

3.4 Pipeline - Grading - Installation - 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					0.0274	0.0000	0.0274	3.5000e-003	0.0000	3.5000e-003			0.0000			0.0000
Off-Road	0.4542	3.9023	7.4417	0.0117		0.1959	0.1959		0.1802	0.1802		1,127.2651	1,127.2651	0.3646		1,136.3796
Total	**0.4542**	**3.9023**	**7.4417**	**0.0117**	**0.0274**	**0.1959**	**0.2233**	**3.5000e-003**	**0.1802**	**0.1837**		**1,127.2651**	**1,127.2651**	**0.3646**		**1,136.3796**

3.4 Pipeline - Grading - Installation - 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	0.0747	2.3176	0.8296	0.0101	0.2448	4.2900e-003	0.2491	0.0671	4.1000e-003	0.0712		1,102.6935	1,102.6935	0.0758		1,104.5894
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0506	0.0320	0.3741	1.2000e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		119.6065	119.6065	3.0800e-003		119.6834
Total	**0.1342**	**2.6286**	**1.2982**	**0.0123**	**0.4046**	**5.6500e-003**	**0.4102**	**0.1101**	**5.3700e-003**	**0.1154**		**1,324.9965**	**1,324.9965**	**0.0848**		**1,327.1159**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0123	0.0000	0.0123	1.5800e-003	0.0000	1.5800e-003			0.0000			0.0000
Off-Road	0.4542	3.9023	7.4417	0.0117		0.1959	0.1959		0.1802	0.1802	0.0000	1,127.2651	1,127.2651	0.3646		1,136.3796
Total	**0.4542**	**3.9023**	**7.4417**	**0.0117**	**0.0123**	**0.1959**	**0.2082**	**1.5800e-003**	**0.1802**	**0.1818**	**0.0000**	**1,127.2651**	**1,127.2651**	**0.3646**		**1,136.3796**

3.4 Pipeline - Grading - Installation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0747	2.3176	0.8296	0.0101	0.2448	4.2900e-003	0.2491	0.0671	4.1000e-003	0.0712		1,102.6935	1,102.6935	0.0758		1,104.5894
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0506	0.0320	0.3741	1.2000e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		119.6065	119.6065	3.0800e-003		119.6834
Total	**0.1342**	**2.6286**	**1.2982**	**0.0123**	**0.4046**	**5.6500e-003**	**0.4102**	**0.1101**	**5.3700e-003**	**0.1154**		**1,324.9965**	**1,324.9965**	**0.0848**		**1,327.1159**

3.5 Pipeline - Continual Paving - 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					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630		709.3250	709.3250	0.2294		715.0603
Paving	0.0367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3823**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**		**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.5 Pipeline - Continual Paving - 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		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0253	0.0160	0.1871	6.0000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		59.8032	59.8032	1.5400e-003		59.8417
Total	**0.0342**	**0.2949**	**0.2815**	**1.5600e-003**	**0.0927**	**8.5000e-004**	**0.0935**	**0.0252**	**8.0000e-004**	**0.0260**		**162.4998**	**162.4998**	**7.4000e-003**		**162.6848**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630	0.0000	709.3250	709.3250	0.2294		715.0603
Paving	0.0367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3823**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**	**0.0000**	**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.5 Pipeline - Continual Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0253	0.0160	0.1871	6.0000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		59.8032	59.8032	1.5400e-003		59.8417
Total	**0.0342**	**0.2949**	**0.2815**	**1.5600e-003**	**0.0927**	**8.5000e-004**	**0.0935**	**0.0252**	**8.0000e-004**	**0.0260**		**162.4998**	**162.4998**	**7.4000e-003**		**162.6848**

3.6 Pipeline - Final Paving - 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					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630		709.3250	709.3250	0.2294		715.0603
Paving	0.1834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5291**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**		**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.6 Pipeline - Final Paving - 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		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0253	0.0160	0.1871	6.0000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		59.8032	59.8032	1.5400e-003		59.8417
Total	**0.0342**	**0.2949**	**0.2815**	**1.5600e-003**	**0.0927**	**8.5000e-004**	**0.0935**	**0.0252**	**8.0000e-004**	**0.0260**		**162.4998**	**162.4998**	**7.4000e-003**		**162.6848**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630	0.0000	709.3250	709.3250	0.2294		715.0603
Paving	0.1834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5291**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**	**0.0000**	**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.6 Pipeline - Final Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0253	0.0160	0.1871	6.0000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		59.8032	59.8032	1.5400e-003		59.8417
Total	**0.0342**	**0.2949**	**0.2815**	**1.5600e-003**	**0.0927**	**8.5000e-004**	**0.0935**	**0.0252**	**8.0000e-004**	**0.0260**		**162.4998**	**162.4998**	**7.4000e-003**		**162.6848**

3.7 Pipeline - Continual Pavement Striping - 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					
Archit. Coating	0.1696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1696**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Pipeline - Continual Pavement Striping - 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		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0169	0.0107	0.1247	4.0000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		39.8688	39.8688	1.0300e-003		39.8945
Total	**0.0258**	**0.2896**	**0.2192**	**1.3600e-003**	**0.0703**	**6.8000e-004**	**0.0710**	**0.0192**	**6.4000e-004**	**0.0199**		**142.5653**	**142.5653**	**6.8900e-003**		**142.7376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.1696**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Pipeline - Continual Pavement Striping - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0169	0.0107	0.1247	4.0000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		39.8688	39.8688	1.0300e-003		39.8945
Total	**0.0258**	**0.2896**	**0.2192**	**1.3600e-003**	**0.0703**	**6.8000e-004**	**0.0710**	**0.0192**	**6.4000e-004**	**0.0199**		**142.5653**	**142.5653**	**6.8900e-003**		**142.7376**

3.8 Pipeline - Final Pavement Striping - 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					
Archit. Coating	1.6964					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.6964**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Pipeline - Final Pavement Striping - 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		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0169	0.0107	0.1247	4.0000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		39.8688	39.8688	1.0300e-003		39.8945
Total	**0.0258**	**0.2896**	**0.2192**	**1.3600e-003**	**0.0703**	**6.8000e-004**	**0.0710**	**0.0192**	**6.4000e-004**	**0.0199**		**142.5653**	**142.5653**	**6.8900e-003**		**142.7376**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.6964					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**1.6964**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Pipeline - Final Pavement Striping - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.9000e-003	0.2790	0.0945	9.6000e-004	0.0256	3.4000e-004	0.0260	7.3700e-003	3.3000e-004	7.7000e-003		102.6965	102.6965	5.8600e-003		102.8431
Worker	0.0169	0.0107	0.1247	4.0000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		39.8688	39.8688	1.0300e-003		39.8945
Total	**0.0258**	**0.2896**	**0.2192**	**1.3600e-003**	**0.0703**	**6.8000e-004**	**0.0710**	**0.0192**	**6.4000e-004**	**0.0199**		**142.5653**	**142.5653**	**6.8900e-003**		**142.7376**

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		0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

4.2 Trip Summary Information

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

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Industrial	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850
User Defined Industrial	0.545348	0.044620	0.206559	0.118451	0.015002	0.006253	0.020617	0.031756	0.002560	0.002071	0.005217	0.000696	0.000850

5.0 Energy Detail

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	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	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

	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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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	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**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1229	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Unmitigated	0.1229	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1229					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Total	**0.1229**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**		**7.0000e-005**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.1229					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.0000	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Total	**0.1229**	**0.0000**	**3.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**		**7.0000e-005**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Olympic Well Field Restoration and Arcadia WTP Expansion - Recycled Water Pipeline - Unmitigated

Los Angeles-South Coast County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Industrial	0.14	User Defined Unit	0.14	6,098.40	0
Other Asphalt Surfaces	0.14	Acre	0.14	6,098.40	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	33
Climate Zone	11			**Operational Year**	2024
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	1132	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Section 1.0 Project Characteristics. Project within SCE (well field and pipeline) and LADWP (WTP) jurisdiction. LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value).

Land Use - See 1.1 Land Usage for surrogate land use assumed for modeling.

Construction Phase - Applicant-provided schedule.

Off-road Equipment - Pipeline - Continual Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Continual Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Final Pavement Striping: Applicant-provided data.

Off-road Equipment - Pipeline - Final Paving: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Installation: Applicant-provided data.

Off-road Equipment - Pipeline - Grading - Slurry Backfill: Applicant-provided data.

Off-road Equipment - Pipeline - Site Preparation: Applicant-provided data.

Trips and VMT - Applicant-provided trip information.

On-road Fugitive Dust - CalEEMod default values.

Demolition - No demolition.

Grading - Applicant-provided grading information.

Architectural Coating - Calculated based on square footage of asphalt surface striping.

Vehicle Trips - No operational emissions.

Road Dust - No operational emissions.

Area Coating - No operational emissions.

Landscape Equipment - No operational emissions.

Energy Use - No operational emissions.

Water And Wastewater - No operational emissions.

Solid Waste - No operational emissions.

Construction Off-road Equipment Mitigation - Water Exposed Area, Frequency: 2 times per day.

Stationary Sources - User Defined - No operational emissions.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	3,049.00	0.00

tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	3,049.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	9,148.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	9,148.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	3049	0
tblAreaCoating	Area_Nonresidential_Interior	9148	0
tblAreaCoating	Area_Parking	366	0
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	2.00	10.00
tblConstructionPhase	NumDays	5.00	10.00
tblConstructionPhase	NumDays	5.00	2.00
tblGrading	AcresOfGrading	0.00	0.14
tblGrading	MaterialExported	0.00	1,110.00
tblLandscapeEquipment	NumberSummerDays	250	1
tblLandUse	LandUseSquareFeet	0.00	6,098.40
tblLandUse	LotAcreage	0.00	0.14
tblOffRoadEquipment	HorsePower	132.00	320.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblTripsAndVMT	HaulingTripNumber	139.00	140.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	3.00	10.00
tblTripsAndVMT	WorkerTripNumber	3.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	6.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00
tblTripsAndVMT	WorkerTripNumber	1.00	4.00

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					
2023	1.7200	11.0643	14.3636	0.0364	0.6653	0.3879	1.0532	0.1772	0.3576	0.5348	0.0000	3,681.4962	3,681.4962	0.6996	0.0000	3,698.9867
Maximum	**1.7200**	**11.0643**	**14.3636**	**0.0364**	**0.6653**	**0.3879**	**1.0532**	**0.1772**	**0.3576**	**0.5348**	**0.0000**	**3,681.4962**	**3,681.4962**	**0.6996**	**0.0000**	**3,698.9867**

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					
2023	1.7200	11.0643	14.3636	0.0364	0.6502	0.3879	1.0381	0.1753	0.3576	0.5329	0.0000	3,681.4962	3,681.4962	0.6996	0.0000	3,698.9867
Maximum	**1.7200**	**11.0643**	**14.3636**	**0.0364**	**0.6502**	**0.3879**	**1.0381**	**0.1753**	**0.3576**	**0.5329**	**0.0000**	**3,681.4962**	**3,681.4962**	**0.6996**	**0.0000**	**3,698.9867**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**2.27**	**0.00**	**1.43**	**1.08**	**0.00**	**0.36**	**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	0.1229	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1229**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

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	0.1229	0.0000	3.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000		6.0000e-005	6.0000e-005	0.0000		7.0000e-005
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1229**	**0.0000**	**3.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**0.0000**	**7.0000e-005**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	Pipeline - Site Preparation	Site Preparation	6/13/2023	6/13/2023	5	1	
2	Pipeline - Grading - Slurry Backfill	Grading	6/14/2023	6/27/2023	5	10	
3	Pipeline - Grading - Installation	Grading	6/14/2023	6/27/2023	5	10	
4	Pipeline - Continual Paving	Paving	6/14/2023	6/27/2023	5	10	
5	Pipeline - Final Paving	Paving	6/28/2023	6/29/2023	5	2	
6	Pipeline - Continual Pavement Striping	Architectural Coating	6/14/2023	6/27/2023	5	10	
7	Pipeline - Final Pavement Striping	Architectural Coating	6/30/2023	6/30/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0.14

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 366 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Pipeline - Site Preparation	Graders	0	8.00	187	0.41
Pipeline - Site Preparation	Pavers	1	8.00	130	0.42
Pipeline - Site Preparation	Scrapers	0	8.00	367	0.48

Pipeline - Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Pipeline - Grading - Slurry Backfill	Cement and Mortar Mixers	1	4.00	9	0.56
Pipeline - Grading - Slurry Backfill	Concrete/Industrial Saws	0	8.00	81	0.73
Pipeline - Grading - Slurry Backfill	Graders	0	8.00	187	0.41
Pipeline - Grading - Slurry Backfill	Rubber Tired Dozers	0	1.00	247	0.40
Pipeline - Grading - Slurry Backfill	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Pipeline - Grading - Installation	Concrete/Industrial Saws	0	8.00	81	0.73
Pipeline - Grading - Installation	Excavators	2	8.00	158	0.38
Pipeline - Grading - Installation	Graders	0	8.00	187	0.41
Pipeline - Grading - Installation	Rollers	1	4.00	80	0.38
Pipeline - Grading - Installation	Rubber Tired Dozers	0	1.00	247	0.40
Pipeline - Grading - Installation	Tractors/Loaders/Backhoes	0	6.00	97	0.37
Pipeline - Continual Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Pipeline - Continual Paving	Pavers	1	8.00	130	0.42
Pipeline - Continual Paving	Paving Equipment	0	8.00	132	0.36
Pipeline - Continual Paving	Rollers	1	8.00	80	0.38
Pipeline - Continual Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Final Paving	Cement and Mortar Mixers	0	6.00	9	0.56
Pipeline - Final Paving	Pavers	1	8.00	130	0.42
Pipeline - Final Paving	Paving Equipment	1	8.00	320	0.36
Pipeline - Final Paving	Rollers	1	8.00	80	0.38
Pipeline - Final Paving	Tractors/Loaders/Backhoes	0	7.00	97	0.37
Pipeline - Continual Pavement Striping	Air Compressors	0	6.00	78	0.48
Pipeline - Final Pavement Striping	Air Compressors	0	6.00	78	0.48

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
Pipeline - Site Preparation	1	10.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Slurry Backfill	1	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Grading - Installation	3	12.00	4.00	140.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Paving	2	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Paving	3	6.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Continual Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Pipeline - Final Pavement Striping	0	4.00	4.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Pipeline - Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1919	1.8828	2.8831	4.7000e-003		0.0886	0.0886		0.0815	0.0815		455.2174	455.2174	0.1472		458.8980
Total	**0.1919**	**1.8828**	**2.8831**	**4.7000e-003**	**0.0000**	**0.0886**	**0.0886**	**0.0000**	**0.0815**	**0.0815**		**455.2174**	**455.2174**	**0.1472**		**458.8980**

3.2 Pipeline - Site Preparation - 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		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	**0.0462**	**0.3043**	**0.4290**	**2.0500e-003**	**0.1374**	**1.1700e-003**	**0.1386**	**0.0370**	**1.0900e-003**	**0.0381**		**211.4112**	**211.4112**	**8.2700e-003**		**211.6181**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.1919	1.8828	2.8831	4.7000e-003		0.0886	0.0886		0.0815	0.0815	0.0000	455.2174	455.2174	0.1472		458.8980
Total	**0.1919**	**1.8828**	**2.8831**	**4.7000e-003**	**0.0000**	**0.0886**	**0.0886**	**0.0000**	**0.0815**	**0.0815**	**0.0000**	**455.2174**	**455.2174**	**0.1472**		**458.8980**

3.2 Pipeline - Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0377	0.0241	0.3422	1.0600e-003	0.1118	8.5000e-004	0.1126	0.0296	7.8000e-004	0.0304		105.8482	105.8482	2.7300e-003		105.9166
Total	**0.0462**	**0.3043**	**0.4290**	**2.0500e-003**	**0.1374**	**1.1700e-003**	**0.1386**	**0.0370**	**1.0900e-003**	**0.0381**		**211.4112**	**211.4112**	**8.2700e-003**		**211.6181**

3.3 Pipeline - Grading - Slurry Backfill - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003		25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**		**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

3.3 Pipeline - Grading - Slurry Backfill - 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		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0151	9.6300e-003	0.1369	4.2000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		42.3393	42.3393	1.0900e-003		42.3666
Total	**0.0236**	**0.2899**	**0.2236**	**1.4100e-003**	**0.0703**	**6.6000e-004**	**0.0710**	**0.0192**	**6.2000e-004**	**0.0199**		**147.9023**	**147.9023**	**6.6300e-003**		**148.0682**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			0.0000			0.0000
Off-Road	0.0294	0.1841	0.1542	3.6000e-004		7.1600e-003	7.1600e-003		7.1600e-003	7.1600e-003	0.0000	25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0294**	**0.1841**	**0.1542**	**3.6000e-004**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**7.1600e-003**	**7.1600e-003**	**0.0000**	**25.2582**	**25.2582**	**2.6200e-003**		**25.3237**

3.3 Pipeline - Grading - Slurry Backfill - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0151	9.6300e-003	0.1369	4.2000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		42.3393	42.3393	1.0900e-003		42.3666
Total	**0.0236**	**0.2899**	**0.2236**	**1.4100e-003**	**0.0703**	**6.6000e-004**	**0.0710**	**0.0192**	**6.2000e-004**	**0.0199**		**147.9023**	**147.9023**	**6.6300e-003**		**148.0682**

3.4 Pipeline - Grading - Installation - 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					0.0274	0.0000	0.0274	3.5000e-003	0.0000	3.5000e-003			0.0000			0.0000
Off-Road	0.4542	3.9023	7.4417	0.0117		0.1959	0.1959		0.1802	0.1802		1,127.2651	1,127.2651	0.3646		1,136.3796
Total	**0.4542**	**3.9023**	**7.4417**	**0.0117**	**0.0274**	**0.1959**	**0.2233**	**3.5000e-003**	**0.1802**	**0.1837**		**1,127.2651**	**1,127.2651**	**0.3646**		**1,136.3796**

3.4 Pipeline - Grading - Installation - 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	0.0729	2.3015	0.7956	0.0103	0.2448	4.1700e-003	0.2490	0.0671	3.9900e-003	0.0711		1,122.1907	1,122.1907	0.0737		1,124.0339
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0453	0.0289	0.4107	1.2700e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		127.0178	127.0178	3.2800e-003		127.0999
Total	**0.1266**	**2.6106**	**1.2930**	**0.0126**	**0.4046**	**5.5100e-003**	**0.4101**	**0.1101**	**5.2400e-003**	**0.1153**		**1,354.7716**	**1,354.7716**	**0.0826**		**1,356.8353**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0123	0.0000	0.0123	1.5800e-003	0.0000	1.5800e-003			0.0000			0.0000
Off-Road	0.4542	3.9023	7.4417	0.0117		0.1959	0.1959		0.1802	0.1802	0.0000	1,127.2651	1,127.2651	0.3646		1,136.3796
Total	**0.4542**	**3.9023**	**7.4417**	**0.0117**	**0.0123**	**0.1959**	**0.2082**	**1.5800e-003**	**0.1802**	**0.1818**	**0.0000**	**1,127.2651**	**1,127.2651**	**0.3646**		**1,136.3796**

3.4 Pipeline - Grading - Installation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0729	2.3015	0.7956	0.0103	0.2448	4.1700e-003	0.2490	0.0671	3.9900e-003	0.0711		1,122.1907	1,122.1907	0.0737		1,124.0339
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0453	0.0289	0.4107	1.2700e-003	0.1341	1.0200e-003	0.1352	0.0356	9.4000e-004	0.0365		127.0178	127.0178	3.2800e-003		127.0999
Total	**0.1266**	**2.6106**	**1.2930**	**0.0126**	**0.4046**	**5.5100e-003**	**0.4101**	**0.1101**	**5.2400e-003**	**0.1153**		**1,354.7716**	**1,354.7716**	**0.0826**		**1,356.8353**

3.5 Pipeline - Continual Paving - 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					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630		709.3250	709.3250	0.2294		715.0603
Paving	0.0367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3823**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**		**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.5 Pipeline - Continual Paving - 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		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0226	0.0145	0.2053	6.4000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		63.5089	63.5089	1.6400e-003		63.5499
Total	**0.0311**	**0.2947**	**0.2921**	**1.6300e-003**	**0.0927**	**8.3000e-004**	**0.0935**	**0.0252**	**7.8000e-004**	**0.0259**		**169.0719**	**169.0719**	**7.1800e-003**		**169.2515**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630	0.0000	709.3250	709.3250	0.2294		715.0603
Paving	0.0367					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.3823**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**	**0.0000**	**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.5 Pipeline - Continual Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0226	0.0145	0.2053	6.4000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		63.5089	63.5089	1.6400e-003		63.5499
Total	**0.0311**	**0.2947**	**0.2921**	**1.6300e-003**	**0.0927**	**8.3000e-004**	**0.0935**	**0.0252**	**7.8000e-004**	**0.0259**		**169.0719**	**169.0719**	**7.1800e-003**		**169.2515**

3.6 Pipeline - Final Paving - 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					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630		709.3250	709.3250	0.2294		715.0603
Paving	0.1834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5291**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**		**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.6 Pipeline - Final Paving - 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		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0226	0.0145	0.2053	6.4000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		63.5089	63.5089	1.6400e-003		63.5499
Total	**0.0311**	**0.2947**	**0.2921**	**1.6300e-003**	**0.0927**	**8.3000e-004**	**0.0935**	**0.0252**	**7.8000e-004**	**0.0259**		**169.0719**	**169.0719**	**7.1800e-003**		**169.2515**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3457	3.4929	4.7354	7.3300e-003		0.1772	0.1772		0.1630	0.1630	0.0000	709.3250	709.3250	0.2294		715.0603
Paving	0.1834					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.5291**	**3.4929**	**4.7354**	**7.3300e-003**		**0.1772**	**0.1772**		**0.1630**	**0.1630**	**0.0000**	**709.3250**	**709.3250**	**0.2294**		**715.0603**

3.6 Pipeline - Final Paving - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0226	0.0145	0.2053	6.4000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		63.5089	63.5089	1.6400e-003		63.5499
Total	**0.0311**	**0.2947**	**0.2921**	**1.6300e-003**	**0.0927**	**8.3000e-004**	**0.0935**	**0.0252**	**7.8000e-004**	**0.0259**		**169.0719**	**169.0719**	**7.1800e-003**		**169.2515**

3.7 Pipeline - Continual Pavement Striping - 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					
Archit. Coating	0.1696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.1696**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Pipeline - Continual Pavement Striping - 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		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0151	9.6300e-003	0.1369	4.2000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		42.3393	42.3393	1.0900e-003		42.3666
Total	**0.0236**	**0.2899**	**0.2236**	**1.4100e-003**	**0.0703**	**6.6000e-004**	**0.0710**	**0.0192**	**6.2000e-004**	**0.0199**		**147.9023**	**147.9023**	**6.6300e-003**		**148.0682**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.1696					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**0.1696**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.7 Pipeline - Continual Pavement Striping - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0151	9.6300e-003	0.1369	4.2000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		42.3393	42.3393	1.0900e-003		42.3666
Total	**0.0236**	**0.2899**	**0.2236**	**1.4100e-003**	**0.0703**	**6.6000e-004**	**0.0710**	**0.0192**	**6.2000e-004**	**0.0199**		**147.9023**	**147.9023**	**6.6300e-003**		**148.0682**

3.8 Pipeline - Final Pavement Striping - 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					
Archit. Coating	1.6964					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**1.6964**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

3.8 Pipeline - Final Pavement Striping - 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		0.0000
Vendor	8.4700e-003	0.2802	0.0868	9.9000e-004	0.0256	3.2000e-004	0.0259	7.3700e-003	3.1000e-004	7.6800e-003		105.5630	105.5630	5.5400e-003		105.7015
Worker	0.0151	9.6300e-003	0.1369	4.2000e-004	0.0447	3.4000e-004	0.0451	0.0119	3.1000e-004	0.0122		42.3393	42.3393	1.0900e-003		42.3666
Total	**0.0236**	**0.2899**	**0.2236**	**1.4100e-003**	**0.0703**	**6.6000e-004**	**0.0710**	**0.0192**	**6.2000e-004**	**0.0199**		**147.9023**	**147.9023**	**6.6300e-003**		**148.0682**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	1.6964					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	**1.6964**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**