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
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
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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	20.00
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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
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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
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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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	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
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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
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tblVehicleTrips	ST_TR	1.32	0.00
tblVehicleTrips	ST_TR	2.49	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**

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	8.4700e-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**

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, Annual

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

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					
2023	7.7500e-003	0.0608	0.0785	1.9000e-004	3.4600e-003	2.1600e-003	5.6200e-003	9.2000e-004	1.9900e-003	2.9200e-003	0.0000	17.7455	17.7455	3.4700e-003	0.0000	17.8322
Maximum	**7.7500e-003**	**0.0608**	**0.0785**	**1.9000e-004**	**3.4600e-003**	**2.1600e-003**	**5.6200e-003**	**9.2000e-004**	**1.9900e-003**	**2.9200e-003**	**0.0000**	**17.7455**	**17.7455**	**3.4700e-003**	**0.0000**	**17.8322**

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					
2023	7.7500e-003	0.0608	0.0785	1.9000e-004	3.3900e-003	2.1600e-003	5.5500e-003	9.1000e-004	1.9900e-003	2.9100e-003	0.0000	17.7455	17.7455	3.4700e-003	0.0000	17.8322
Maximum	**7.7500e-003**	**0.0608**	**0.0785**	**1.9000e-004**	**3.3900e-003**	**2.1600e-003**	**5.5500e-003**	**9.1000e-004**	**1.9900e-003**	**2.9100e-003**	**0.0000**	**17.7455**	**17.7455**	**3.4700e-003**	**0.0000**	**17.8322**

	ROG	NOx	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**	**2.02**	**0.00**	**1.25**	**1.09**	**0.00**	**0.34**	**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)
14	5-13-2023	8-12-2023	0.0662	0.0662
		Highest	0.0662	0.0662

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	0.0224	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0224**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

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	0.0224	0.0000	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	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0224**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

	ROG	NOx	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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0000e-004	9.4000e-004	1.4400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.2065	0.2065	7.0000e-005	0.0000	0.2082
Total	**1.0000e-004**	**9.4000e-004**	**1.4400e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.2065**	**0.2065**	**7.0000e-005**	**0.0000**	**0.2082**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0473	0.0473	0.0000	0.0000	0.0474
Worker	2.0000e-005	1.0000e-005	1.6000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0460	0.0460	0.0000	0.0000	0.0460
Total	**2.0000e-005**	**1.5000e-004**	**2.1000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**7.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0933**	**0.0933**	**0.0000**	**0.0000**	**0.0934**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0000e-004	9.4000e-004	1.4400e-003	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.2065	0.2065	7.0000e-005	0.0000	0.2082
Total	**1.0000e-004**	**9.4000e-004**	**1.4400e-003**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.2065**	**0.2065**	**7.0000e-005**	**0.0000**	**0.2082**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0473	0.0473	0.0000	0.0000	0.0474
Worker	2.0000e-005	1.0000e-005	1.6000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0460	0.0460	0.0000	0.0000	0.0460
Total	**2.0000e-005**	**1.5000e-004**	**2.1000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**7.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0933**	**0.0933**	**0.0000**	**0.0000**	**0.0934**

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	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	9.2000e-004	7.7000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.1146	0.1146	1.0000e-005	0.0000	0.1149
Total	**1.5000e-004**	**9.2000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.1146**	**0.1146**	**1.0000e-005**	**0.0000**	**0.1149**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
Worker	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1839	0.1839	0.0000	0.0000	0.1840
Total	**1.2000e-004**	**1.4700e-003**	**1.0900e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.6572**	**0.6572**	**3.0000e-005**	**0.0000**	**0.6580**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5000e-004	9.2000e-004	7.7000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.1146	0.1146	1.0000e-005	0.0000	0.1149
Total	**1.5000e-004**	**9.2000e-004**	**7.7000e-004**	**0.0000**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.1146**	**0.1146**	**1.0000e-005**	**0.0000**	**0.1149**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
Worker	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1839	0.1839	0.0000	0.0000	0.1840
Total	**1.2000e-004**	**1.4700e-003**	**1.0900e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.6572**	**0.6572**	**3.0000e-005**	**0.0000**	**0.6580**

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	tons/yr										MT/yr					
Fugitive Dust					1.4000e-004	0.0000	1.4000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2700e-003	0.0195	0.0372	6.0000e-005		9.8000e-004	9.8000e-004		9.0000e-004	9.0000e-004	0.0000	5.1132	5.1132	1.6500e-003	0.0000	5.1545
Total	**2.2700e-003**	**0.0195**	**0.0372**	**6.0000e-005**	**1.4000e-004**	**9.8000e-004**	**1.1200e-003**	**2.0000e-005**	**9.0000e-004**	**9.2000e-004**	**0.0000**	**5.1132**	**5.1132**	**1.6500e-003**	**0.0000**	**5.1545**

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	tons/yr										MT/yr					
Hauling	3.7000e-004	0.0118	4.0500e-003	5.0000e-005	1.2000e-003	2.0000e-005	1.2200e-003	3.3000e-004	2.0000e-005	3.5000e-004	0.0000	5.0530	5.0530	3.4000e-004	0.0000	5.0615
Vendor	4.0000e-005	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
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	**6.4000e-004**	**0.0134**	**6.4200e-003**	**6.0000e-005**	**1.9900e-003**	**3.0000e-005**	**2.0100e-003**	**5.4000e-004**	**2.0000e-005**	**5.7000e-004**	**0.0000**	**6.0779**	**6.0779**	**3.8000e-004**	**0.0000**	**6.0874**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					6.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.2700e-003	0.0195	0.0372	6.0000e-005		9.8000e-004	9.8000e-004		9.0000e-004	9.0000e-004	0.0000	5.1132	5.1132	1.6500e-003	0.0000	5.1545
Total	**2.2700e-003**	**0.0195**	**0.0372**	**6.0000e-005**	**6.0000e-005**	**9.8000e-004**	**1.0400e-003**	**1.0000e-005**	**9.0000e-004**	**9.1000e-004**	**0.0000**	**5.1132**	**5.1132**	**1.6500e-003**	**0.0000**	**5.1545**

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	tons/yr										MT/yr					
Hauling	3.7000e-004	0.0118	4.0500e-003	5.0000e-005	1.2000e-003	2.0000e-005	1.2200e-003	3.3000e-004	2.0000e-005	3.5000e-004	0.0000	5.0530	5.0530	3.4000e-004	0.0000	5.0615
Vendor	4.0000e-005	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
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	**6.4000e-004**	**0.0134**	**6.4200e-003**	**6.0000e-005**	**1.9900e-003**	**3.0000e-005**	**2.0100e-003**	**5.4000e-004**	**2.0000e-005**	**5.7000e-004**	**0.0000**	**6.0779**	**6.0779**	**3.8000e-004**	**0.0000**	**6.0874**

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	tons/yr										MT/yr					
Off-Road	1.7300e-003	0.0175	0.0237	4.0000e-005		8.9000e-004	8.9000e-004		8.1000e-004	8.1000e-004	0.0000	3.2174	3.2174	1.0400e-003	0.0000	3.2435
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9100e-003**	**0.0175**	**0.0237**	**4.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.1000e-004**	**8.1000e-004**	**0.0000**	**3.2174**	**3.2174**	**1.0400e-003**	**0.0000**	**3.2435**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
Worker	1.1000e-004	8.0000e-005	9.6000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2758	0.2758	1.0000e-005	0.0000	0.2760
Total	**1.5000e-004**	**1.5000e-003**	**1.4100e-003**	**0.0000**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.7491**	**0.7491**	**4.0000e-005**	**0.0000**	**0.7500**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.0175	0.0237	4.0000e-005		8.9000e-004	8.9000e-004		8.1000e-004	8.1000e-004	0.0000	3.2174	3.2174	1.0400e-003	0.0000	3.2435
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9100e-003**	**0.0175**	**0.0237**	**4.0000e-005**		**8.9000e-004**	**8.9000e-004**		**8.1000e-004**	**8.1000e-004**	**0.0000**	**3.2174**	**3.2174**	**1.0400e-003**	**0.0000**	**3.2435**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
Worker	1.1000e-004	8.0000e-005	9.6000e-004	0.0000	3.3000e-004	0.0000	3.3000e-004	9.0000e-005	0.0000	9.0000e-005	0.0000	0.2758	0.2758	1.0000e-005	0.0000	0.2760
Total	**1.5000e-004**	**1.5000e-003**	**1.4100e-003**	**0.0000**	**4.6000e-004**	**0.0000**	**4.6000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.7491**	**0.7491**	**4.0000e-005**	**0.0000**	**0.7500**

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	tons/yr										MT/yr					
Off-Road	3.5000e-004	3.4900e-003	4.7400e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.6000e-004	1.6000e-004	0.0000	0.6435	0.6435	2.1000e-004	0.0000	0.6487
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.3000e-004**	**3.4900e-003**	**4.7400e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**0.6435**	**0.6435**	**2.1000e-004**	**0.0000**	**0.6487**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.8000e-004	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0947	0.0947	1.0000e-005	0.0000	0.0948
Worker	2.0000e-005	2.0000e-005	1.9000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0552	0.0552	0.0000	0.0000	0.0552
Total	**3.0000e-005**	**3.0000e-004**	**2.8000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1498**	**0.1498**	**1.0000e-005**	**0.0000**	**0.1500**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.5000e-004	3.4900e-003	4.7400e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.6000e-004	1.6000e-004	0.0000	0.6435	0.6435	2.1000e-004	0.0000	0.6487
Paving	1.8000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.3000e-004**	**3.4900e-003**	**4.7400e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.6000e-004**	**1.6000e-004**	**0.0000**	**0.6435**	**0.6435**	**2.1000e-004**	**0.0000**	**0.6487**

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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.8000e-004	9.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0947	0.0947	1.0000e-005	0.0000	0.0948
Worker	2.0000e-005	2.0000e-005	1.9000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0552	0.0552	0.0000	0.0000	0.0552
Total	**3.0000e-005**	**3.0000e-004**	**2.8000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1498**	**0.1498**	**1.0000e-005**	**0.0000**	**0.1500**

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	tons/yr										MT/yr					
Archit. Coating	8.5000e-004					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	**8.5000e-004**	**0.0000**	**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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
Worker	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1839	0.1839	0.0000	0.0000	0.1840
Total	**1.2000e-004**	**1.4700e-003**	**1.0900e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.6572**	**0.6572**	**3.0000e-005**	**0.0000**	**0.6580**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.5000e-004					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	**8.5000e-004**	**0.0000**	**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.4200e-003	4.5000e-004	0.0000	1.3000e-004	0.0000	1.3000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.4734	0.4734	3.0000e-005	0.0000	0.4740
Worker	8.0000e-005	5.0000e-005	6.4000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1839	0.1839	0.0000	0.0000	0.1840
Total	**1.2000e-004**	**1.4700e-003**	**1.0900e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.5000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.6572**	**0.6572**	**3.0000e-005**	**0.0000**	**0.6580**

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	tons/yr										MT/yr					
Archit. Coating	8.5000e-004					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	**8.5000e-004**	**0.0000**	**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

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0473	0.0473	0.0000	0.0000	0.0474
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0184	0.0184	0.0000	0.0000	0.0184
Total	**1.0000e-005**	**1.5000e-004**	**1.1000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0657**	**0.0657**	**0.0000**	**0.0000**	**0.0658**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	8.5000e-004					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	**8.5000e-004**	**0.0000**	**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	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	1.4000e-004	5.0000e-005	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0473	0.0473	0.0000	0.0000	0.0474
Worker	1.0000e-005	1.0000e-005	6.0000e-005	0.0000	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0184	0.0184	0.0000	0.0000	0.0184
Total	**1.0000e-005**	**1.5000e-004**	**1.1000e-004**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0657**	**0.0657**	**0.0000**	**0.0000**	**0.0658**

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

4.2 Trip Summary Information

	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	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

5.2 Energy by Land Use - NaturalGas

Unmitigated

	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					
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		**0.0000**	**0.0000**	**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	tons/yr										MT/yr					
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		**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
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		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
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		**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	tons/yr										MT/yr					
Mitigated	0.0224	0.0000	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	0.0224	0.0000	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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0224					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	**0.0224**	**0.0000**	**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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0224					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	**0.0224**	**0.0000**	**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	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
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		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
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		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

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

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
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		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
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		**0.0000**	**0.0000**	**0.0000**	**0.0000**

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 - Mitigated

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 - Off-road Equipment: All equipment over 50 HP assumed to meet Tier 4 Interim standards. Water Exposed Area, Frequency: 3 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 - Mitigated - Los Angeles-South Coast County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	0.00
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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
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tblConstructionPhase	NumDays	220.00	89.00
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tblFleetMix	HHD	0.03	0.50

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tblGrading	AcresOfGrading	0.00	0.17
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tblLandscapeEquipment	NumberSummerDays	250	1
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tblOffRoadEquipment	HorsePower	132.00	320.00
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tblOffRoadEquipment	UsageHours	8.00	2.00

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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	0.8210	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	0.4607	9.1880	8.9241	0.0273	0.7716	0.0372	0.8087	0.2047	0.0360	0.2407	0.0000	2,786.2322	2,786.2322	0.3728	0.0000	2,795.5513
2021	9.0423	12.4190	16.1838	0.0327	0.5498	0.0732	0.6230	0.1483	0.0701	0.2184	0.0000	3,275.3900	3,275.3900	0.6830	0.0000	3,292.4644
2022	1.9463	21.2431	38.2914	0.0649	2.8638	0.1287	2.9423	1.4165	0.1280	1.4945	0.0000	6,308.9103	6,308.9103	1.3628	0.0000	6,342.9793
2023	1.4796	2.1847	2.8890	8.1800e-003	0.2438	7.0300e-003	0.2507	0.0648	6.9700e-003	0.0716	0.0000	832.5120	832.5120	0.1229	0.0000	835.3837
Maximum	**9.0423**	**21.2431**	**38.2914**	**0.0649**	**2.8638**	**0.1287**	**2.9423**	**1.4165**	**0.1280**	**1.4945**	**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	**13.39**	**26.55**	**-16.76**	**0.00**	**46.86**	**89.89**	**56.87**	**52.79**	**89.35**	**66.92**	**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

Use Cleaner Engines for Construction Equipment

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					8.2900e-003	0.0000	8.2900e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**8.2900e-003**	**4.2400e-003**	**0.0125**	**9.5000e-004**	**4.2400e-003**	**5.1900e-003**	**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					8.2900e-003	0.0000	8.2900e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**8.2900e-003**	**4.2400e-003**	**0.0125**	**9.5000e-004**	**4.2400e-003**	**5.1900e-003**	**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					0.0136	0.0000	0.0136	1.5500e-003	0.0000	1.5500e-003			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**0.0136**	**4.2400e-003**	**0.0178**	**1.5500e-003**	**4.2400e-003**	**5.7900e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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	0.1049	2.2016	3.3985	4.7000e-003		0.0371	0.0371		0.0346	0.0346	0.0000	455.0608	455.0608	0.1472		458.7402
Total	**0.1049**	**2.2016**	**3.3985**	**4.7000e-003**	**0.0000**	**0.0371**	**0.0371**	**0.0000**	**0.0346**	**0.0346**	**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	0.0000	0.0000	0.0000	3.6000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0000**	**0.0000**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**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					8.1000e-003	0.0000	8.1000e-003	1.0000e-003	0.0000	1.0000e-003			0.0000			0.0000
Off-Road	0.1566	5.1271	8.8279	0.0117		0.0191	0.0191		0.0191	0.0191	0.0000	1,127.4284	1,127.4284	0.3646		1,136.5442
Total	**0.1566**	**5.1271**	**8.8279**	**0.0117**	**8.1000e-003**	**0.0191**	**0.0272**	**1.0000e-003**	**0.0191**	**0.0201**	**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	0.1639	3.3490	5.3823	7.3200e-003		0.0414	0.0414		0.0389	0.0389	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	**0.1940**	**3.3490**	**5.3823**	**7.3200e-003**		**0.0414**	**0.0414**		**0.0389**	**0.0389**	**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	0.1639	3.3490	5.3823	7.3200e-003		0.0414	0.0414		0.0389	0.0389	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	**0.3447**	**3.3490**	**5.3823**	**7.3200e-003**		**0.0414**	**0.0414**		**0.0389**	**0.0389**	**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					0.0879	0.0000	0.0879	0.0133	0.0000	0.0133			0.0000			0.0000
Off-Road	0.4630	8.5434	15.4154	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**0.4630**	**8.5434**	**15.4154**	**0.0241**	**0.0879**	**0.0375**	**0.1254**	**0.0133**	**0.0375**	**0.0508**	**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					2.3629	0.0000	2.3629	1.2925	0.0000	1.2925			0.0000			0.0000
Off-Road	0.3694	6.3628	12.1450	0.0206		0.0336	0.0336		0.0336	0.0336	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	**0.3694**	**6.3628**	**12.1450**	**0.0206**	**2.3629**	**0.0336**	**2.3965**	**1.2925**	**0.0336**	**1.3262**	**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	0.1902	3.7007	6.3984	9.6900e-003		0.0138	0.0138		0.0138	0.0138	0.0000	924.2735	924.2735	0.1270		927.4492
Total	**0.1902**	**3.7007**	**6.3984**	**9.6900e-003**		**0.0138**	**0.0138**		**0.0138**	**0.0138**	**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	0.1012	1.8908	3.3783	4.8900e-003		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003	0.0000	473.4621	473.4621	0.1531		477.2902
Total	**0.1012**	**1.8908**	**3.3783**	**4.8900e-003**		**8.0100e-003**	**8.0100e-003**		**8.0100e-003**	**8.0100e-003**	**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	0.2311	4.4177	7.7472	0.0119		0.0175	0.0175		0.0175	0.0175	0.0000	1,137.9965	1,137.9965	0.1962		1,142.9003
Total	**0.2311**	**4.4177**	**7.7472**	**0.0119**		**0.0175**	**0.0175**		**0.0175**	**0.0175**	**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	0.1219	2.3627	4.0155	5.7300e-003		0.0273	0.0273		0.0273	0.0273	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.1219**	**2.3627**	**4.0155**	**5.7300e-003**		**0.0273**	**0.0273**		**0.0273**	**0.0273**	**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	0.0776	1.5097	2.6103	3.4500e-003		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	333.7545	333.7545	0.1079		336.4531
Total	**0.0776**	**1.5097**	**2.6103**	**3.4500e-003**		**5.6400e-003**	**5.6400e-003**		**5.6400e-003**	**5.6400e-003**	**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	0.3096	6.0151	11.0416	0.0178		0.0471	0.0471		0.0471	0.0471	0.0000	1,718.3405	1,718.3405	0.5558		1,732.2341
Total	**0.3096**	**6.0151**	**11.0416**	**0.0178**		**0.0471**	**0.0471**		**0.0471**	**0.0471**	**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	0.1219	2.3627	4.0155	5.7300e-003		0.0273	0.0273		0.0273	0.0273	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.1219**	**2.3627**	**4.0155**	**5.7300e-003**		**0.0273**	**0.0273**		**0.0273**	**0.0273**	**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	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.4245**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**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	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4245**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**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	0.1540	3.2249	5.3771	7.3300e-003		0.0350	0.0350		0.0330	0.0330	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	**0.2326**	**3.2249**	**5.3771**	**7.3300e-003**		**0.0350**	**0.0350**		**0.0330**	**0.0330**	**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					8.2900e-003	0.0000	8.2900e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3110	275.3110	0.0835		277.3983
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**8.2900e-003**	**4.2400e-003**	**0.0125**	**9.5000e-004**	**4.2400e-003**	**5.1900e-003**	**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	0.0513	1.4526	2.5924	3.7700e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.4782	364.4782	0.1179		367.4252
Total	**0.0513**	**1.4526**	**2.5924**	**3.7700e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0528	250.0528	0.0809		252.0746
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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 - Mitigated

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 - Off-road Equipment: All equipment over 50 HP assumed to meet Tier 4 Interim standards. Water Exposed Area, Frequency: 3 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 - Mitigated - 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
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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
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstructionPhase	NumDays	220.00	89.00
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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
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	UsageHours	8.00	2.00

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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblTripsAndVMT	VendorTripNumber	0.00	4.00
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tblVehicleTrips	CNW_TL	6.90	20.00
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
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tblVehicleTrips	ST_TR	2.49	0.00
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tblVehicleTrips	SU_TR	0.73	0.00
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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	0.4368	9.1281	8.9953	0.0279	0.7716	0.0368	0.8084	0.2047	0.0357	0.2404	0.0000	2,843.4619	2,843.4619	0.3720	0.0000	2,852.6827
2021	9.0398	12.3862	16.1982	0.0331	0.5498	0.0730	0.6228	0.1483	0.0699	0.2182	0.0000	3,317.2048	3,317.2048	0.6801	0.0000	3,334.2065
2022	1.9304	21.2228	38.5265	0.0655	2.8638	0.1286	2.9422	1.4165	0.1280	1.4945	0.0000	6,370.5262	6,370.5262	1.3631	0.0000	6,404.6024
2023	1.4740	2.1794	2.9096	8.3400e-003	0.2438	7.0300e-003	0.2506	0.0648	6.9700e-003	0.0715	0.0000	849.2366	849.2366	0.1228	0.0000	852.0878
Maximum	**9.0398**	**21.2228**	**38.5265**	**0.0655**	**2.8638**	**0.1286**	**2.9422**	**1.4165**	**0.1280**	**1.4945**	**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	**13.45**	**26.59**	**-16.72**	**0.00**	**46.86**	**89.92**	**56.87**	**52.79**	**89.37**	**66.92**	**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

Use Cleaner Engines for Construction Equipment

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					8.2900e-003	0.0000	8.2900e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**8.2900e-003**	**4.2400e-003**	**0.0125**	**9.5000e-004**	**4.2400e-003**	**5.1900e-003**	**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					8.2900e-003	0.0000	8.2900e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**8.2900e-003**	**4.2400e-003**	**0.0125**	**9.5000e-004**	**4.2400e-003**	**5.1900e-003**	**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					0.0136	0.0000	0.0136	1.5500e-003	0.0000	1.5500e-003			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3174	275.3174	0.0835		277.4048
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**0.0136**	**4.2400e-003**	**0.0178**	**1.5500e-003**	**4.2400e-003**	**5.7900e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	363.7851	363.7851	0.1177		366.7265
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0513	1.4526	2.5924	3.7600e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.1038	364.1038	0.1178		367.0478
Total	**0.0513**	**1.4526**	**2.5924**	**3.7600e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0960	250.0960	0.0809		252.1181
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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	0.1049	2.2016	3.3985	4.7000e-003		0.0371	0.0371		0.0346	0.0346	0.0000	455.0608	455.0608	0.1472		458.7402
Total	**0.1049**	**2.2016**	**3.3985**	**4.7000e-003**	**0.0000**	**0.0371**	**0.0371**	**0.0000**	**0.0346**	**0.0346**	**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	0.0000	0.0000	0.0000	3.6000e-004		0.0000	0.0000		0.0000	0.0000	0.0000	25.2582	25.2582	2.6200e-003		25.3237
Total	**0.0000**	**0.0000**	**0.0000**	**3.6000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**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					8.1000e-003	0.0000	8.1000e-003	1.0000e-003	0.0000	1.0000e-003			0.0000			0.0000
Off-Road	0.1566	5.1271	8.8279	0.0117		0.0191	0.0191		0.0191	0.0191	0.0000	1,127.4284	1,127.4284	0.3646		1,136.5442
Total	**0.1566**	**5.1271**	**8.8279**	**0.0117**	**8.1000e-003**	**0.0191**	**0.0272**	**1.0000e-003**	**0.0191**	**0.0201**	**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	0.1639	3.3490	5.3823	7.3200e-003		0.0414	0.0414		0.0389	0.0389	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	**0.1940**	**3.3490**	**5.3823**	**7.3200e-003**		**0.0414**	**0.0414**		**0.0389**	**0.0389**	**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	0.1639	3.3490	5.3823	7.3200e-003		0.0414	0.0414		0.0389	0.0389	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	**0.3447**	**3.3490**	**5.3823**	**7.3200e-003**		**0.0414**	**0.0414**		**0.0389**	**0.0389**	**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					0.0879	0.0000	0.0879	0.0133	0.0000	0.0133			0.0000			0.0000
Off-Road	0.4630	8.5434	15.4154	0.0241		0.0375	0.0375		0.0375	0.0375	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	**0.4630**	**8.5434**	**15.4154**	**0.0241**	**0.0879**	**0.0375**	**0.1254**	**0.0133**	**0.0375**	**0.0508**	**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					2.3629	0.0000	2.3629	1.2925	0.0000	1.2925			0.0000			0.0000
Off-Road	0.3694	6.3628	12.1450	0.0206		0.0336	0.0336		0.0336	0.0336	0.0000	1,995.4825	1,995.4825	0.6454		2,011.6169
Total	**0.3694**	**6.3628**	**12.1450**	**0.0206**	**2.3629**	**0.0336**	**2.3965**	**1.2925**	**0.0336**	**1.3262**	**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	0.1902	3.7007	6.3984	9.6900e-003		0.0138	0.0138		0.0138	0.0138	0.0000	924.2735	924.2735	0.1270		927.4492
Total	**0.1902**	**3.7007**	**6.3984**	**9.6900e-003**		**0.0138**	**0.0138**		**0.0138**	**0.0138**	**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	0.1012	1.8908	3.3783	4.8900e-003		8.0100e-003	8.0100e-003		8.0100e-003	8.0100e-003	0.0000	473.4621	473.4621	0.1531		477.2902
Total	**0.1012**	**1.8908**	**3.3783**	**4.8900e-003**		**8.0100e-003**	**8.0100e-003**		**8.0100e-003**	**8.0100e-003**	**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	0.2311	4.4177	7.7472	0.0119		0.0175	0.0175		0.0175	0.0175	0.0000	1,137.9965	1,137.9965	0.1962		1,142.9003
Total	**0.2311**	**4.4177**	**7.7472**	**0.0119**		**0.0175**	**0.0175**		**0.0175**	**0.0175**	**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	0.1219	2.3627	4.0155	5.7300e-003		0.0273	0.0273		0.0273	0.0273	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.1219**	**2.3627**	**4.0155**	**5.7300e-003**		**0.0273**	**0.0273**		**0.0273**	**0.0273**	**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	0.0776	1.5097	2.6103	3.4500e-003		5.6400e-003	5.6400e-003		5.6400e-003	5.6400e-003	0.0000	333.7545	333.7545	0.1079		336.4531
Total	**0.0776**	**1.5097**	**2.6103**	**3.4500e-003**		**5.6400e-003**	**5.6400e-003**		**5.6400e-003**	**5.6400e-003**	**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	0.3096	6.0151	11.0416	0.0178		0.0471	0.0471		0.0471	0.0471	0.0000	1,718.3405	1,718.3405	0.5558		1,732.2341
Total	**0.3096**	**6.0151**	**11.0416**	**0.0178**		**0.0471**	**0.0471**		**0.0471**	**0.0471**	**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	0.1219	2.3627	4.0155	5.7300e-003		0.0273	0.0273		0.0273	0.0273	0.0000	554.7720	554.7720	0.1794		559.2576
Total	**0.1219**	**2.3627**	**4.0155**	**5.7300e-003**		**0.0273**	**0.0273**		**0.0273**	**0.0273**	**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	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0244		375.8749
Total	**1.4245**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**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	0.0726	1.4131	2.4432	3.9600e-003		5.2800e-003	5.2800e-003		5.2800e-003	5.2800e-003	0.0000	375.2641	375.2641	0.0225		375.8253
Total	**1.4245**	**1.4131**	**2.4432**	**3.9600e-003**		**5.2800e-003**	**5.2800e-003**		**5.2800e-003**	**5.2800e-003**	**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	0.1540	3.2249	5.3771	7.3300e-003		0.0350	0.0350		0.0330	0.0330	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	**0.2326**	**3.2249**	**5.3771**	**7.3300e-003**		**0.0350**	**0.0350**		**0.0330**	**0.0330**	**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					8.2900e-003	0.0000	8.2900e-003	9.5000e-004	0.0000	9.5000e-004			0.0000			0.0000
Off-Road	0.0318	1.1383	1.9590	2.9400e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	275.3110	275.3110	0.0835		277.3983
Total	**0.0318**	**1.1383**	**1.9590**	**2.9400e-003**	**8.2900e-003**	**4.2400e-003**	**0.0125**	**9.5000e-004**	**4.2400e-003**	**5.1900e-003**	**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	0.0513	1.4526	2.5924	3.7700e-003		6.1800e-003	6.1800e-003		6.1800e-003	6.1800e-003	0.0000	364.4782	364.4782	0.1179		367.4252
Total	**0.0513**	**1.4526**	**2.5924**	**3.7700e-003**		**6.1800e-003**	**6.1800e-003**		**6.1800e-003**	**6.1800e-003**	**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	0.0318	1.1383	1.9590	2.5800e-003		4.2400e-003	4.2400e-003		4.2400e-003	4.2400e-003	0.0000	250.0528	250.0528	0.0809		252.0746
Total	**0.0318**	**1.1383**	**1.9590**	**2.5800e-003**		**4.2400e-003**	**4.2400e-003**		**4.2400e-003**	**4.2400e-003**	**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 - Mitigated

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 - Off-road Equipment: All equipment over 50 HP assumed to meet Tier 4 Interim standards. Water Exposed Area, Frequency: 3 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 - Mitigated - 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
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
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
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tblConstructionPhase	NumDays	220.00	133.00
tblConstructionPhase	NumDays	220.00	143.00
tblConstructionPhase	NumDays	220.00	67.00
tblConstructionPhase	NumDays	220.00	89.00
tblConstructionPhase	NumDays	220.00	31.00

tblConstructionPhase	NumDays	220.00	89.00
tblConstructionPhase	NumDays	220.00	67.00
tblConstructionPhase	NumDays	220.00	25.00
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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
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00

tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	6.00	8.00
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
tblTripsAndVMT	VendorTripNumber	0.00	6.00
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	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
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tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
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tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	VendorTripNumber	17.00	2.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00
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	9.00	4.00
tblTripsAndVMT	WorkerTripNumber	8.00	6.00
tblTripsAndVMT	WorkerTripNumber	9.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	14.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00
tblTripsAndVMT	WorkerTripNumber	43.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00
tblTripsAndVMT	WorkerTripNumber	43.00	16.00
tblTripsAndVMT	WorkerTripNumber	43.00	10.00
tblTripsAndVMT	WorkerTripNumber	43.00	12.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00

tblTripsAndVMT	WorkerTripNumber	43.00	24.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	9.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblTripsAndVMT	WorkerTripNumber	43.00	8.00
tblVehicleTrips	CC_TL	8.40	20.00
tblVehicleTrips	CNW_TL	6.90	20.00
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

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	4.3500e-003	0.0847	0.1107	2.5000e-004	6.0500e-003	3.6000e-004	6.4100e-003	1.6100e-003	3.6000e-004	1.9700e-003	0.0000	23.1355	23.1355	4.2100e-003	0.0000	23.2408
2021	0.0319	0.4563	0.6198	1.2100e-003	0.0208	2.7400e-003	0.0235	5.6100e-003	2.6200e-003	8.2300e-003	0.0000	110.1309	110.1309	0.0234	0.0000	110.7167
2022	0.1265	1.3535	2.4133	4.1600e-003	0.0858	8.3700e-003	0.0941	0.0294	8.3000e-003	0.0377	0.0000	367.0080	367.0080	0.0786	0.0000	368.9719
2023	0.0147	0.0545	0.0910	1.8000e-004	4.4300e-003	2.2000e-004	4.6400e-003	1.1900e-003	2.1000e-004	1.4000e-003	0.0000	16.2954	16.2954	2.7100e-003	0.0000	16.3632
Maximum	**0.1265**	**1.3535**	**2.4133**	**4.1600e-003**	**0.0858**	**8.3700e-003**	**0.0941**	**0.0294**	**8.3000e-003**	**0.0377**	**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	**42.13**	**19.61**	**-18.51**	**0.00**	**25.17**	**88.25**	**49.70**	**35.20**	**87.67**	**67.46**	**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	0.1474
5	**2-13-2021**	**5-12-2021**	0.3794	0.3250
6	**5-13-2021**	**8-12-2021**	0.1188	0.0990
8	**11-13-2021**	**2-12-2022**	0.2417	0.1147
9	**2-13-2022**	**5-12-2022**	0.7415	0.5118
10	**5-13-2022**	**8-12-2022**	0.6255	0.5279
11	**8-13-2022**	**11-12-2022**	0.2784	0.2333
12	**11-13-2022**	**2-12-2023**	0.1290	0.1075

14	**5-13-2023**	**8-12-2023**	0.0249	0.0290
15	**8-13-2023**	**9-30-2023**	0.0108	0.0139
		Highest	0.7415	0.5279

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

Use Cleaner Engines for Construction Equipment

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					4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	5.6900e-003	9.8000e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**1.6000e-004**	**5.6900e-003**	**9.8000e-003**	**1.0000e-005**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**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					4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	5.6900e-003	9.8000e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**1.6000e-004**	**5.6900e-003**	**9.8000e-003**	**1.0000e-005**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**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					7.0000e-005	0.0000	7.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	5.6900e-003	9.8000e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**1.6000e-004**	**5.6900e-003**	**9.8000e-003**	**1.0000e-005**	**7.0000e-005**	**2.0000e-005**	**9.0000e-005**	**1.0000e-005**	**2.0000e-005**	**3.0000e-005**	**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	3.8000e-004	0.0109	0.0194	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**3.8000e-004**	**0.0109**	**0.0194**	**3.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**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	2.6000e-004	7.2600e-003	0.0130	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**2.6000e-004**	**7.2600e-003**	**0.0130**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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	3.8000e-004	0.0109	0.0194	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**3.8000e-004**	**0.0109**	**0.0194**	**3.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**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	2.6000e-004	7.2600e-003	0.0130	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**2.6000e-004**	**7.2600e-003**	**0.0130**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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	3.8000e-004	0.0109	0.0194	3.0000e-005		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	2.4752	2.4752	8.0000e-004	0.0000	2.4952
Total	**3.8000e-004**	**0.0109**	**0.0194**	**3.0000e-005**		**5.0000e-005**	**5.0000e-005**		**5.0000e-005**	**5.0000e-005**	**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	2.6000e-004	7.2600e-003	0.0130	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.6516	1.6516	5.3000e-004	0.0000	1.6649
Total	**2.6000e-004**	**7.2600e-003**	**0.0130**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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	2.4000e-004	8.5400e-003	0.0147	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**2.4000e-004**	**8.5400e-003**	**0.0147**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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	2.4000e-004	8.5400e-003	0.0147	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**2.4000e-004**	**8.5400e-003**	**0.0147**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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	2.4000e-004	8.5400e-003	0.0147	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7016	1.7016	5.5000e-004	0.0000	1.7154
Total	**2.4000e-004**	**8.5400e-003**	**0.0147**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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	2.6000e-004	5.5000e-003	8.5000e-003	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.0321	1.0321	3.3000e-004	0.0000	1.0404
Total	**2.6000e-004**	**5.5000e-003**	**8.5000e-003**	**1.0000e-005**	**0.0000**	**9.0000e-005**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**9.0000e-005**	**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	0.0000	0.0000	0.0000	1.0000e-005		0.0000	0.0000		0.0000	0.0000	0.0000	0.6874	0.6874	7.0000e-005	0.0000	0.6892
Total	**0.0000**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**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					2.4000e-004	0.0000	2.4000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.7000e-003	0.1538	0.2648	3.5000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	30.6835	30.6835	9.9200e-003	0.0000	30.9316
Total	**4.7000e-003**	**0.1538**	**0.2648**	**3.5000e-004**	**2.4000e-004**	**5.7000e-004**	**8.1000e-004**	**3.0000e-005**	**5.7000e-004**	**6.0000e-004**	**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	4.9200e-003	0.1005	0.1615	2.2000e-004		1.2400e-003	1.2400e-003		1.1700e-003	1.1700e-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	**5.8200e-003**	**0.1005**	**0.1615**	**2.2000e-004**		**1.2400e-003**	**1.2400e-003**		**1.1700e-003**	**1.1700e-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	8.2000e-004	0.0167	0.0269	4.0000e-005		2.1000e-004	2.1000e-004		1.9000e-004	1.9000e-004	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	**1.7200e-003**	**0.0167**	**0.0269**	**4.0000e-005**		**2.1000e-004**	**2.1000e-004**		**1.9000e-004**	**1.9000e-004**	**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					1.1000e-003	0.0000	1.1000e-003	1.7000e-004	0.0000	1.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.7900e-003	0.1068	0.1927	3.0000e-004		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	26.3471	26.3471	6.7100e-003	0.0000	26.5149
Total	**5.7900e-003**	**0.1068**	**0.1927**	**3.0000e-004**	**1.1000e-003**	**4.7000e-004**	**1.5700e-003**	**1.7000e-004**	**4.7000e-004**	**6.4000e-004**	**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					0.0236	0.0000	0.0236	0.0129	0.0000	0.0129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6900e-003	0.0636	0.1215	2.1000e-004		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	18.1027	18.1027	5.8500e-003	0.0000	18.2491
Total	**3.6900e-003**	**0.0636**	**0.1215**	**2.1000e-004**	**0.0236**	**3.4000e-004**	**0.0240**	**0.0129**	**3.4000e-004**	**0.0133**	**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	0.0127	0.2461	0.4255	6.4000e-004		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	55.7593	55.7593	7.6600e-003	0.0000	55.9509
Total	**0.0127**	**0.2461**	**0.4255**	**6.4000e-004**		**9.2000e-004**	**9.2000e-004**		**9.2000e-004**	**9.2000e-004**	**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	7.2400e-003	0.1352	0.2415	3.5000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	30.7105	30.7105	9.9300e-003	0.0000	30.9588
Total	**7.2400e-003**	**0.1352**	**0.2415**	**3.5000e-004**		**5.7000e-004**	**5.7000e-004**		**5.7000e-004**	**5.7000e-004**	**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	7.7400e-003	0.1480	0.2595	4.0000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	34.5845	34.5845	5.9600e-003	0.0000	34.7335
Total	**7.7400e-003**	**0.1480**	**0.2595**	**4.0000e-004**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**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	5.4200e-003	0.1051	0.1787	2.6000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	22.3960	22.3960	7.2400e-003	0.0000	22.5771
Total	**5.4200e-003**	**0.1051**	**0.1787**	**2.6000e-004**		**1.2100e-003**	**1.2100e-003**		**1.2100e-003**	**1.2100e-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	1.2000e-003	0.0234	0.0405	5.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	4.6930	4.6930	1.5200e-003	0.0000	4.7310
Total	**1.2000e-003**	**0.0234**	**0.0405**	**5.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**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	0.0138	0.2677	0.4914	7.9000e-004		2.1000e-003	2.1000e-003		2.1000e-003	2.1000e-003	0.0000	69.3688	69.3688	0.0224	0.0000	69.9297
Total	**0.0138**	**0.2677**	**0.4914**	**7.9000e-004**		**2.1000e-003**	**2.1000e-003**		**2.1000e-003**	**2.1000e-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	4.0800e-003	0.0792	0.1345	1.9000e-004		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	16.8599	16.8599	5.4500e-003	0.0000	16.9962
Total	**4.0800e-003**	**0.0792**	**0.1345**	**1.9000e-004**		**9.1000e-004**	**9.1000e-004**		**9.1000e-004**	**9.1000e-004**	**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	2.0000e-003	0.0389	0.0672	1.1000e-004		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	9.3619	9.3619	6.1000e-004	0.0000	9.3772
Total	**0.0392**	**0.0389**	**0.0672**	**1.1000e-004**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**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	6.2000e-004	0.0120	0.0208	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.8937	2.8937	1.7000e-004	0.0000	2.8980
Total	**0.0121**	**0.0120**	**0.0208**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**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	1.7700e-003	0.0371	0.0618	8.0000e-005		4.0000e-004	4.0000e-004		3.8000e-004	3.8000e-004	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	**2.6700e-003**	**0.0371**	**0.0618**	**8.0000e-005**		**4.0000e-004**	**4.0000e-004**		**3.8000e-004**	**3.8000e-004**	**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					4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.6000e-004	5.6900e-003	9.8000e-003	1.0000e-005		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	1.2488	1.2488	3.8000e-004	0.0000	1.2583
Total	**1.6000e-004**	**5.6900e-003**	**9.8000e-003**	**1.0000e-005**	**4.0000e-005**	**2.0000e-005**	**6.0000e-005**	**0.0000**	**2.0000e-005**	**2.0000e-005**	**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	6.4000e-004	0.0182	0.0324	5.0000e-005		8.0000e-005	8.0000e-005		8.0000e-005	8.0000e-005	0.0000	4.1331	4.1331	1.3400e-003	0.0000	4.1665
Total	**6.4000e-004**	**0.0182**	**0.0324**	**5.0000e-005**		**8.0000e-005**	**8.0000e-005**		**8.0000e-005**	**8.0000e-005**	**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	2.4000e-004	8.5400e-003	0.0147	2.0000e-005		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	1.7013	1.7013	5.5000e-004	0.0000	1.7151
Total	**2.4000e-004**	**8.5400e-003**	**0.0147**	**2.0000e-005**		**3.0000e-005**	**3.0000e-005**		**3.0000e-005**	**3.0000e-005**	**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

Santa Monica - Olympic Well Field Restoration and Arcadia WTP Expansion Project
Electricity GHG Emissions Calculations

Equation:

Electricity Emissions =Σi (Utility x Energy Intensity)

Where:

Utility	Carbon intensity of Local Utility (CO2E/kWh)
Energy Intensity	Electricity energy intensity for land use

Assumptions

Project Area	**Increase in Electricity Demand (kwH/year)**
Olympic AWTP and Arcadia WTP site	3,355,000
Wells	1,621,000
Total	**4,976,000**

Utility Company	**CO2 Intensity Factor lb/MWhr**	**CH4 Intensity Factora**	**N2O Intensity**
Los Angeles Department of Water & Power	1132	0.029	0.00617
Southern California Edison	601.585	0.025	0.00528

LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value). CH4 and N2O Emission factors for GHGs from CalEEMod User's Guide, Version 2016.3.2 Appendix D for LADWP.

Emissions Calculations:

Olympic AWTP and Arcadia WTP site

	Unit	**CO2**	**CH4**	**N2O**	**CO2E**
Local Utility Carbon intensity (LADWP)	CO2E/MWh	1132	0.029	0.00617	
Electricity Consumed - kWh	kWh/year	3,355,000	3,355,000	3,355,000	
Electricity Consumed - MWh	MWh/year	3355	3355	3355	
Electricity Emissions	pounds/year	3,797,860.00	97.30	20.70	3,806,461.08
	MT/year	1,722.68	0.04	0.01	1,726.58

Olympic AWTP and Arcadia WTP site

	Unit	**CO2**	**CH4**	**N2O**	**CO2E**
Local Utility Carbon intensity (SCE)	CO2E/MWh	601.585	0.025	0.00528	
Electricity Consumed - kWh	kWh/year	1,621,000	1,621,000	1,621,000	
Electricity Consumed - MWh	MWh/year	1621	1621	1621	
Electricity Emissions	pounds/year	975,169.29	40.53	8.56	978,732.96
	MT/year	442.33	0.02	0.00	443.95

Total **2,170.53**

Notes:

The CO2 equivalent for a gas is derived by multiplying the mass of the gas by the associated GWP, such that metric tons of CO2E = (metric tons of a GHG) × (GWP of the GHG). CalEEMod assumes that the GWP for CH4 is 25, which means that emissions of 1 metric ton of CH4 are equivalent to emissions of 25 metric tons of CO2, and the GWP for N2O is 298, based on the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report.

Santa Monica - Olympic Well Field Restoration and Arcadia WTP Expansion Project

Project Water Capacity

Existing Capacity	10,000,000	gallons/day
Existing Production	8,900,000	gallons/day
Proposed Capacity	13,000,000	gallons/day
Proposed Production	12,000,000	gallons/day
Net Increase (Proposed Production - Existing Capacity)	2,000,000	gallons/day
	365	days/year
	730,000,000	gallons/year
Net Increase in Capacity	730	MG/year

GHG Intensity Factors (LADWP)

GHG	Units	Year 2024
CO_2	lb/MWh[1, 2]	1,132
CH_4	lb/MWh[1, 2]	0.029
N_2O	lb/MWh[1, 2]	0.006

Water Electricity Intensity Factors

Process	Units	
Supply	kwh/MG	9,727
Treat	kwh/MG	111
Distribute	kwh/MG	1,272
Wastewater Treatment	kwh/MG	1,911
Total	**kwh/MG**	**13,021**

GHG Emissions

	Units	Potable Water - CalEEMod Default Conditions (Supplied from NorCal)	Potable Water - Supplied from Project	Net Change
Electricity Intensity Factor				
Supply	kwh/MG	9,727	-	
Treat	kwh/MG	111	111	
Distribute	kwh/MG	1,272	1,272	
Wastewater Treatment	kwh/MG	1,911	1,911	
Total	**kwh/MG**	**13,021**	**3,294**	
Water Consumption	**MG/yr**	**730**	**730**	
Electricity Usage	**kwh/yr**	**9,505,330**	**2,404,620**	**7,100,710**
GHG Emissions				
CO_2E	metric tons/yr	**4,891.50**	**1,237.43**	**3,654.07**
CO_2	metric tons/yr	4,880.67	1,234.69	3,645.98
CH_4	metric tons/yr	0.13	0.03	0.09
N_2O	metric tons/yr	0.03	0.01	0.02

Notes:

1. LADWP CO2 intensity factor of 1,132 assumed based on 2016 Power Integrated Resource Plan (2015 value). CH4 and N2O Emission factors for GHGs from CalEEMod User's Guide, Version 2016.3.2 Appendix D for LADWP.

2. The CO2 equivalent for a gas is derived by multiplying the mass of the gas by the associated GWP, such that metric tons of CO2E = (metric tons of a GHG) × (GWP of the GHG). CalEEMod assumes that the GWP for CH4 is 25, which means that emissions of 1 metric ton of CH4 are equivalent to emissions of 25 metric tons of CO2, and the GWP for N2O is 298, based on the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report.

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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 - Site Preparation: Applicant-provided data.

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

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

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

Trips and VMT - Applicant-provided trip information. Assumes 1,000 feet (0.19 miles) trip length for vendor and haul truck trips.

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 - Off-road Equipment: All equipment over 50 HP assumed to meet Tier 4 Interim standards. 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.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	35,600.00	5,250.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	106,800.00	15,750.00
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	1.00
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	1.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	7.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstructionPhase	NumDays	10.00	72.00
tblConstructionPhase	NumDays	220.00	133.00
tblConstructionPhase	NumDays	220.00	143.00
tblConstructionPhase	NumDays	220.00	67.00
tblConstructionPhase	NumDays	220.00	89.00
tblConstructionPhase	NumDays	220.00	31.00
tblConstructionPhase	NumDays	220.00	89.00

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tblConstructionPhase	NumDays	220.00	67.00
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	6.00	20.00
tblConstructionPhase	NumDays	10.00	23.00
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	10.00	0.69
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	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
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tblOffRoadEquipment	UsageHours	6.00	8.00
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tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	8.00	2.00
tblOffRoadEquipment	UsageHours	7.00	4.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	1227.89	1132
tblSolidWaste	SolidWasteGenerationRate	13.02	12.65
tblSolidWaste	SolidWasteGenerationRate	1.24	0.00
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	26.00	70.00
tblTripsAndVMT	HaulingTripNumber	0.00	84.00
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19

tblTripsAndVMT	VendorTripLength	6.90	0.19
tblTripsAndVMT	VendorTripLength	6.90	0.19
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tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblTripsAndVMT	WorkerTripNumber	10.00	0.00
tblTripsAndVMT	WorkerTripNumber	43.00	0.00
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tblTripsAndVMT	WorkerTripNumber	9.00	0.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00
tblVehicleTrips	CC_TL	8.40	20.00
tblVehicleTrips	CNW_TL	6.90	20.00
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	2,428,125.00	2,358,750.00
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					
2022	0.2002	1.7222	1.8269	3.4300e-003	0.0636	0.0746	0.1381	0.0336	0.0702	0.1038	0.0000	300.4906	300.4906	0.0765	0.0000	302.4020
2023	0.0137	0.0156	0.0207	3.0000e-005	0.0000	8.0000e-004	8.1000e-004	0.0000	8.0000e-004	8.0000e-004	0.0000	2.9865	2.9865	1.8000e-004	0.0000	2.9911
Maximum	**0.2002**	**1.7222**	**1.8269**	**3.4300e-003**	**0.0636**	**0.0746**	**0.1381**	**0.0336**	**0.0702**	**0.1038**	**0.0000**	**300.4906**	**300.4906**	**0.0765**	**0.0000**	**302.4020**

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					
2022	0.1041	1.2990	2.2279	3.4300e-003	0.0287	7.5000e-003	0.0362	0.0152	7.5000e-003	0.0227	0.0000	300.4902	300.4902	0.0765	0.0000	302.4017
2023	0.0121	0.0129	0.0210	3.0000e-005	0.0000	5.0000e-005	5.0000e-005	0.0000	5.0000e-005	5.0000e-005	0.0000	2.9865	2.9865	1.8000e-004	0.0000	2.9911
Maximum	**0.1041**	**1.2990**	**2.2279**	**3.4300e-003**	**0.0287**	**7.5000e-003**	**0.0362**	**0.0152**	**7.5000e-003**	**0.0227**	**0.0000**	**300.4902**	**300.4902**	**0.0765**	**0.0000**	**302.4017**

	ROG	NOx	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	**45.65**	**24.51**	**-21.71**	**0.00**	**54.86**	**89.98**	**73.91**	**54.94**	**89.36**	**78.29**	**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)
8	11-13-2021	2-12-2022	0.2335	0.1065
9	2-13-2022	5-12-2022	0.7148	0.4850
10	5-13-2022	8-12-2022	0.6027	0.5050
11	8-13-2022	11-12-2022	0.2670	0.2217
12	11-13-2022	2-12-2023	0.1234	0.1016
		Highest	0.7148	0.5050

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	2.5678	0.0000	2.5678	0.1518	0.0000	6.3617
Water						0.0000	0.0000		0.0000	0.0000	0.8345	15.7702	16.6048	3.2800e-003	1.9000e-003	17.2524
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**	**3.4024**	**101.0196**	**104.4219**	**0.1574**	**2.4000e-003**	**109.0730**

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	1.2839	0.0000	1.2839	0.0759	0.0000	3.1809
Water						0.0000	0.0000		0.0000	0.0000	0.8345	15.7702	16.6048	3.2800e-003	1.9000e-003	17.2524
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**	**2.1185**	**101.0196**	**103.1380**	**0.0816**	**2.4000e-003**	**105.8922**

	ROG	NOx	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**	**37.74**	**0.00**	**1.23**	**48.20**	**0.00**	**2.92**

3.0 Construction Detail

Construction Phase

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	WTP - Demolition	Demolition	1/21/2022	2/24/2022	5	25	
2	WTP - Site Preparation and Grading	Grading	2/1/2022	2/28/2022	5	20	
3	WTP - Building Construction 3	Building Construction	3/1/2022	9/1/2022	5	133	
4	WTP - Building Construction 4	Building Construction	3/1/2022	9/15/2022	5	143	
5	WTP - Building Construction 1	Building Construction	3/1/2022	6/1/2022	5	67	
6	WTP - Building Construction 2	Building Construction	3/1/2022	7/1/2022	5	89	
7	WTP - Building Construction 5	Building Construction	4/1/2022	5/13/2022	5	31	
8	WTP - Building Construction 6	Building Construction	5/1/2022	9/1/2022	5	89	
9	WTP - Building Construction 7	Building Construction	8/1/2022	11/1/2022	5	67	
10	WTP - Architectural Coating	Architectural Coating	10/15/2022	1/24/2023	5	72	
11	WTP - Paving	Paving	11/1/2022	12/1/2022	5	23	

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: 15,750; Non-Residential Outdoor: 5,250; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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

Trips and VMT

Arcadia WTP Expansion Project Construction Health Risk Assessment - Los Angeles-South Coast County, Annual

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
WTP - Demolition	5	0.00	0.00	70.00	14.70	6.90	0.19	LD_Mix	HDT_Mix	HHDT
WTP - Site Preparation and Gradi	4	0.00	0.00	84.00	14.70	6.90	0.19	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 3	2	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 4	2	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 1	4	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 2	3	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 5	1	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 6	5	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Building Construction 7	3	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Architectural Coating	1	0.00	2.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT
WTP - Paving	2	0.00	4.00	0.00	14.70	0.19	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	3.1700e-003	4.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3624	0.3624	5.0000e-005	0.0000	0.3636
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.1700e-003**	**4.7000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3624**	**0.3624**	**5.0000e-005**	**0.0000**	**0.3636**

3.2 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	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	5.7900e-003	0.1068	0.1927	3.0000e-004		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004	0.0000	26.3471	26.3471	6.7100e-003	0.0000	26.5149
Total	**5.7900e-003**	**0.1068**	**0.1927**	**3.0000e-004**	**1.2700e-003**	**4.7000e-004**	**1.7400e-003**	**1.9000e-004**	**4.7000e-004**	**6.6000e-004**	**0.0000**	**26.3471**	**26.3471**	**6.7100e-003**	**0.0000**	**26.5149**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	6.0000e-005	3.1700e-003	4.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3624	0.3624	5.0000e-005	0.0000	0.3636
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**3.1700e-003**	**4.7000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3624**	**0.3624**	**5.0000e-005**	**0.0000**	**0.3636**

3.3 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	3.8000e-003	5.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.4348	0.4348	6.0000e-005	0.0000	0.4364
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0000e-005**	**3.8000e-003**	**5.7000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.4348**	**0.4348**	**6.0000e-005**	**0.0000**	**0.4364**

3.3 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	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	3.6900e-003	0.0636	0.1215	2.1000e-004		3.4000e-004	3.4000e-004		3.4000e-004	3.4000e-004	0.0000	18.1027	18.1027	5.8500e-003	0.0000	18.2491
Total	**3.6900e-003**	**0.0636**	**0.1215**	**2.1000e-004**	**0.0273**	**3.4000e-004**	**0.0276**	**0.0149**	**3.4000e-004**	**0.0153**	**0.0000**	**18.1027**	**18.1027**	**5.8500e-003**	**0.0000**	**18.2491**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.0000e-005	3.8000e-003	5.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.4348	0.4348	6.0000e-005	0.0000	0.4364
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0000e-005**	**3.8000e-003**	**5.7000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.4348**	**0.4348**	**6.0000e-005**	**0.0000**	**0.4364**

3.4 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	7.6000e-003	1.8700e-003	1.0000e-005	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.7590	0.7590	1.1000e-004	0.0000	0.7616
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8000e-004**	**7.6000e-003**	**1.8700e-003**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.7590**	**0.7590**	**1.1000e-004**	**0.0000**	**0.7616**

3.4 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	tons/yr										MT/yr					
Off-Road	0.0127	0.2461	0.4255	6.4000e-004		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	55.7593	55.7593	7.6600e-003	0.0000	55.9509
Total	**0.0127**	**0.2461**	**0.4255**	**6.4000e-004**		**9.2000e-004**	**9.2000e-004**		**9.2000e-004**	**9.2000e-004**	**0.0000**	**55.7593**	**55.7593**	**7.6600e-003**	**0.0000**	**55.9509**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.8000e-004	7.6000e-003	1.8700e-003	1.0000e-005	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.7590	0.7590	1.1000e-004	0.0000	0.7616
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.8000e-004**	**7.6000e-003**	**1.8700e-003**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.7590**	**0.7590**	**1.1000e-004**	**0.0000**	**0.7616**

3.5 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	8.1700e-003	2.0100e-003	1.0000e-005	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.8161	0.8161	1.1000e-004	0.0000	0.8189
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9000e-004**	**8.1700e-003**	**2.0100e-003**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.8161**	**0.8161**	**1.1000e-004**	**0.0000**	**0.8189**

3.5 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	tons/yr										MT/yr					
Off-Road	7.2400e-003	0.1352	0.2415	3.5000e-004		5.7000e-004	5.7000e-004		5.7000e-004	5.7000e-004	0.0000	30.7105	30.7105	9.9300e-003	0.0000	30.9588
Total	**7.2400e-003**	**0.1352**	**0.2415**	**3.5000e-004**		**5.7000e-004**	**5.7000e-004**		**5.7000e-004**	**5.7000e-004**	**0.0000**	**30.7105**	**30.7105**	**9.9300e-003**	**0.0000**	**30.9588**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.9000e-004	8.1700e-003	2.0100e-003	1.0000e-005	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.8161	0.8161	1.1000e-004	0.0000	0.8189
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.9000e-004**	**8.1700e-003**	**2.0100e-003**	**1.0000e-005**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.8161**	**0.8161**	**1.1000e-004**	**0.0000**	**0.8189**

3.6 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.8300e-003	9.4000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.3824	0.3824	5.0000e-005	0.0000	0.3837
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**3.8300e-003**	**9.4000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.3824**	**0.3824**	**5.0000e-005**	**0.0000**	**0.3837**

3.6 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	tons/yr										MT/yr					
Off-Road	7.7400e-003	0.1480	0.2595	4.0000e-004		5.8000e-004	5.8000e-004		5.8000e-004	5.8000e-004	0.0000	34.5845	34.5845	5.9600e-003	0.0000	34.7335
Total	**7.7400e-003**	**0.1480**	**0.2595**	**4.0000e-004**		**5.8000e-004**	**5.8000e-004**		**5.8000e-004**	**5.8000e-004**	**0.0000**	**34.5845**	**34.5845**	**5.9600e-003**	**0.0000**	**34.7335**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.8300e-003	9.4000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.3824	0.3824	5.0000e-005	0.0000	0.3837
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**3.8300e-003**	**9.4000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.3824**	**0.3824**	**5.0000e-005**	**0.0000**	**0.3837**

3.7 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	5.0800e-003	1.2500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5079	0.5079	7.0000e-005	0.0000	0.5097
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**5.0800e-003**	**1.2500e-003**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.5079**	**0.5079**	**7.0000e-005**	**0.0000**	**0.5097**

3.7 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	tons/yr										MT/yr					
Off-Road	5.4200e-003	0.1051	0.1787	2.6000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	22.3960	22.3960	7.2400e-003	0.0000	22.5771
Total	**5.4200e-003**	**0.1051**	**0.1787**	**2.6000e-004**		**1.2100e-003**	**1.2100e-003**		**1.2100e-003**	**1.2100e-003**	**0.0000**	**22.3960**	**22.3960**	**7.2400e-003**	**0.0000**	**22.5771**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	5.0800e-003	1.2500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5079	0.5079	7.0000e-005	0.0000	0.5097
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**5.0800e-003**	**1.2500e-003**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.5079**	**0.5079**	**7.0000e-005**	**0.0000**	**0.5097**

3.8 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.7700e-003	4.4000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1769	0.1769	2.0000e-005	0.0000	0.1775
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**1.7700e-003**	**4.4000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1769**	**0.1769**	**2.0000e-005**	**0.0000**	**0.1775**

3.8 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	tons/yr										MT/yr					
Off-Road	1.2000e-003	0.0234	0.0405	5.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	4.6930	4.6930	1.5200e-003	0.0000	4.7310
Total	**1.2000e-003**	**0.0234**	**0.0405**	**5.0000e-005**		**9.0000e-005**	**9.0000e-005**		**9.0000e-005**	**9.0000e-005**	**0.0000**	**4.6930**	**4.6930**	**1.5200e-003**	**0.0000**	**4.7310**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	1.7700e-003	4.4000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.1769	0.1769	2.0000e-005	0.0000	0.1775
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.0000e-005**	**1.7700e-003**	**4.4000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.1769**	**0.1769**	**2.0000e-005**	**0.0000**	**0.1775**

3.9 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	5.0800e-003	1.2500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5079	0.5079	7.0000e-005	0.0000	0.5097
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**5.0800e-003**	**1.2500e-003**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.5079**	**0.5079**	**7.0000e-005**	**0.0000**	**0.5097**

3.9 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	tons/yr										MT/yr					
Off-Road	0.0138	0.2677	0.4914	7.9000e-004		2.1000e-003	2.1000e-003		2.1000e-003	2.1000e-003	0.0000	69.3688	69.3688	0.0224	0.0000	69.9297
Total	**0.0138**	**0.2677**	**0.4914**	**7.9000e-004**		**2.1000e-003**	**2.1000e-003**		**2.1000e-003**	**2.1000e-003**	**0.0000**	**69.3688**	**69.3688**	**0.0224**	**0.0000**	**69.9297**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.2000e-004	5.0800e-003	1.2500e-003	1.0000e-005	2.0000e-005	0.0000	2.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.5079	0.5079	7.0000e-005	0.0000	0.5097
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**1.2000e-004**	**5.0800e-003**	**1.2500e-003**	**1.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.5079**	**0.5079**	**7.0000e-005**	**0.0000**	**0.5097**

3.10 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.8300e-003	9.4000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.3824	0.3824	5.0000e-005	0.0000	0.3837
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**3.8300e-003**	**9.4000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.3824**	**0.3824**	**5.0000e-005**	**0.0000**	**0.3837**

3.10 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	tons/yr										MT/yr					
Off-Road	4.0800e-003	0.0792	0.1345	1.9000e-004		9.1000e-004	9.1000e-004		9.1000e-004	9.1000e-004	0.0000	16.8599	16.8599	5.4500e-003	0.0000	16.9962
Total	**4.0800e-003**	**0.0792**	**0.1345**	**1.9000e-004**		**9.1000e-004**	**9.1000e-004**		**9.1000e-004**	**9.1000e-004**	**0.0000**	**16.8599**	**16.8599**	**5.4500e-003**	**0.0000**	**16.9962**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	3.8300e-003	9.4000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	1.0000e-005	0.0000	0.3824	0.3824	5.0000e-005	0.0000	0.3837
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.0000e-005**	**3.8300e-003**	**9.4000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**1.0000e-005**	**0.0000**	**0.3824**	**0.3824**	**5.0000e-005**	**0.0000**	**0.3837**

3.11 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	3.1400e-003	7.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3139	0.3139	4.0000e-005	0.0000	0.3150
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0000e-005**	**3.1400e-003**	**7.7000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3139**	**0.3139**	**4.0000e-005**	**0.0000**	**0.3150**

3.11 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	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	2.0000e-003	0.0389	0.0672	1.1000e-004		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	9.3619	9.3619	6.1000e-004	0.0000	9.3772
Total	**0.0392**	**0.0389**	**0.0672**	**1.1000e-004**		**1.5000e-004**	**1.5000e-004**		**1.5000e-004**	**1.5000e-004**	**0.0000**	**9.3619**	**9.3619**	**6.1000e-004**	**0.0000**	**9.3772**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	7.0000e-005	3.1400e-003	7.7000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.3139	0.3139	4.0000e-005	0.0000	0.3150
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.0000e-005**	**3.1400e-003**	**7.7000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.3139**	**0.3139**	**4.0000e-005**	**0.0000**	**0.3150**

3.11 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.4000e-004	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0928	0.0928	1.0000e-005	0.0000	0.0930
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.4000e-004**	**2.1000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0928**	**0.0928**	**1.0000e-005**	**0.0000**	**0.0930**

3.11 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	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	6.2000e-004	0.0120	0.0208	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.8937	2.8937	1.7000e-004	0.0000	2.8980
Total	**0.0121**	**0.0120**	**0.0208**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.8937**	**2.8937**	**1.7000e-004**	**0.0000**	**2.8980**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0000e-005	8.4000e-004	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0928	0.0928	1.0000e-005	0.0000	0.0930
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**2.0000e-005**	**8.4000e-004**	**2.1000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0928**	**0.0928**	**1.0000e-005**	**0.0000**	**0.0930**

3.12 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**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.6300e-003	6.5000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.2625	0.2625	4.0000e-005	0.0000	0.2634
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**2.6300e-003**	**6.5000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.2625**	**0.2625**	**4.0000e-005**	**0.0000**	**0.2634**

3.12 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	tons/yr										MT/yr					
Off-Road	1.3400e-003	0.0370	0.0638	8.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	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	**2.2400e-003**	**0.0370**	**0.0638**	**8.0000e-005**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**7.4005**	**7.4005**	**2.3900e-003**	**0.0000**	**7.4603**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	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	2.6300e-003	6.5000e-004	0.0000	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.2625	0.2625	4.0000e-005	0.0000	0.2634
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.0000e-005**	**2.6300e-003**	**6.5000e-004**	**0.0000**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.2625**	**0.2625**	**4.0000e-005**	**0.0000**	**0.2634**

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	16.6048	3.2800e-003	1.9000e-003	17.2524
Unmitigated	16.6048	3.2800e-003	1.9000e-003	17.2524

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	2.35875 / 0	16.6048	3.2800e-003	1.9000e-003	17.2524
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		**16.6048**	**3.2800e-003**	**1.9000e-003**	**17.2524**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	2.35875 / 0	16.6048	3.2800e-003	1.9000e-003	17.2524
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		**16.6048**	**3.2800e-003**	**1.9000e-003**	**17.2524**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.2839	0.0759	0.0000	3.1809
Unmitigated	2.5678	0.1518	0.0000	6.3617

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	12.65	2.5678	0.1518	0.0000	6.3617
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		**2.5678**	**0.1518**	**0.0000**	**6.3617**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	6.325	1.2839	0.0759	0.0000	3.1809
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		**1.2839**	**0.0759**	**0.0000**	**3.1809**

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

- - - -

```
                and:      0 BUOYANT LINE source(s) with      0 line(s)

 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for
Calm Hours
                                                                 m for
Missing Hours
                                                                 b for
Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    53.00 ;
Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC
;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   ArcadiaWTP_Con.err
 **File for Summary of Results:   ArcadiaWTP_Con.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: KSMO_V9_ADJU\KSMO_v9.SFC
Met Version: 16216
Profile file: KSMO_V9_ADJU\KSMO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93197 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	131.	10.1	283.1	2.0
12	01	01	1	02	-7.6	0.121	-9.000	-9.000	-999.	101.	21.3	0.17	2.20	1.00	1.35	232.	10.1	282.0	2.0
12	01	01	1	03	-3.3	0.082	-9.000	-9.000	-999.	57.	15.3	0.17	2.20	1.00	0.86	46.	10.1	280.9	2.0
12	01	01	1	04	-5.4	0.102	-9.000	-9.000	-999.	79.	17.9	0.17	2.20	1.00	1.14	82.	10.1	281.4	2.0
12	01	01	1	05	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	205.	10.1	281.4	2.0
12	01	01	1	06	-7.4	0.119	-9.000	-9.000	-999.	99.	20.9	0.17	2.20	1.00	1.33	254.	10.1	280.9	2.0
12	01	01	1	07	-4.6	0.094	-9.000	-9.000	-999.	70.	16.6	0.17	2.20	1.00	1.04	39.	10.1	279.2	2.0
12	01	01	1	08	-16.0	0.197	-9.000	-9.000	-999.	209.	43.0	0.17	2.20	0.54	2.10	63.	10.1	282.0	2.0
12	01	01	1	09	36.8	0.255	0.339	0.005	38.	309.	-40.8	0.17	2.20	0.31	2.27	33.	10.1	292.0	2.0
12	01	01	1	10	102.6	0.234	0.691	0.006	117.	271.	-11.3	0.17	2.20	0.23	1.79	204.	10.1	289.2	2.0
12	01	01	1	11	154.6	0.178	1.118	0.005	327.	181.	-3.3	0.17	2.20	0.20	1.11	119.	10.1	296.4	2.0
12	01	01	1	12	182.0	0.295	1.459	0.005	618.	385.	-12.8	0.17	2.20	0.19	2.30	76.	10.1	300.9	2.0
12	01	01	1	13	175.0	0.355	1.686	0.005	991.	507.	-23.0	0.17	2.20	0.19	2.98	179.	10.1	293.8	2.0

```
 12 01 01   1 14  148.1  0.374  1.737  0.005 1282.  549.    -31.9  0.17
2.20   0.20    3.25  211.   10.1  292.0    2.0
 12 01 01   1 15   98.0  0.291  1.572  0.005 1436.  380.    -22.7  0.17
2.20   0.23    2.44  231.   10.1  290.9    2.0
 12 01 01   1 16   28.2  0.303  1.044  0.005 1460.  400.    -89.0  0.17
2.20   0.32    2.85  217.   10.1  289.2    2.0
 12 01 01   1 17  -22.4  0.259 -9.000 -9.000 -999.  317.     73.7  0.17
2.20   0.58    2.73  226.   10.1  287.0    2.0
 12 01 01   1 18   -8.7  0.131 -9.000 -9.000 -999.  124.     23.3  0.17
2.20   1.00    1.45  230.   10.1  286.4    2.0
 12 01 01   1 19  -13.2  0.163 -9.000 -9.000 -999.  157.     29.4  0.17
2.20   1.00    1.77  225.   10.1  285.9    2.0
 12 01 01   1 20   -5.7  0.106 -9.000 -9.000 -999.   83.     18.6  0.17
2.20   1.00    1.18  182.   10.1  284.9    2.0
 12 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.17
2.20   1.00    0.00    0.   10.1  284.2    2.0
 12 01 01   1 22   -7.3  0.119 -9.000 -9.000 -999.   99.     21.1  0.17
2.20   1.00    1.33  202.   10.1  285.4    2.0
 12 01 01   1 23   -6.0  0.108 -9.000 -9.000 -999.   86.     19.1  0.17
2.20   1.00    1.21  251.   10.1  284.9    2.0
 12 01 01   1 24   -5.4  0.102 -9.000 -9.000 -999.   78.     18.0  0.17
2.20   1.00    1.14  224.   10.1  284.2    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  131.    1.26   283.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	142.14710	AT (364756.62, 3768059.98, 74.92, 74.92, 0.00)	DC	
	2ND HIGHEST VALUE IS	117.36089	AT (364745.41, 3768075.77, 75.34, 75.34, 0.00)	DC	
	3RD HIGHEST VALUE IS	116.37822	AT (364767.84, 3768044.19, 74.65, 74.65, 0.00)	DC	
	4TH HIGHEST VALUE IS	116.24075	AT (364750.00, 3768075.00, 75.45, 75.45, 0.00)	DC	
	5TH HIGHEST VALUE IS	98.59601	AT (364775.00, 3768050.00, 75.30, 75.30, 0.00)	DC	
	6TH HIGHEST VALUE IS	85.51733	AT (364779.05, 3768028.40, 74.62, 75.45, 0.00)	DC	
	7TH HIGHEST VALUE IS	84.30718	AT (364775.00, 3768075.00, 76.17, 76.17, 0.00)	DC	
	8TH HIGHEST VALUE IS	68.19515	AT (364675.00, 3767925.00, 72.05, 75.92, 0.00)	DC	
	9TH HIGHEST VALUE IS	67.64567	AT (364734.19, 3768091.56, 75.86, 75.86, 0.00)	DC	
	10TH HIGHEST VALUE IS	58.39376	AT (364750.00, 3768100.00, 76.14, 76.14, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	2393.64816	ON 15122116: AT (364745.41, 3768075.77, 75.34, 75.34, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 799 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 455 Calm Hours Identified

A Total of 344 Missing Hours Identified (0.78 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 2249 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2249 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.3
** Lakes Environmental Software Inc.
** Date: 2/19/2020
** File: C:\Lakes\AERMOD View\AERMOD
Runs\ArcadiaWTP_Con\ArcadiaWTP_Con.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\AERMOD
Runs\ArcadiaWTP_Con\ArcadiaWTP_Con.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 9818605 Los_Angeles_County
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL ArcadiaWTP_Con.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     364657.496  3767934.063       72.390
** DESCRSRC Construction
   LOCATION VOL2         VOLUME     364651.457  3767946.054       72.780
** DESCRSRC Construction
   LOCATION VOL3         VOLUME     364641.460  3767956.321       72.770
** DESCRSRC Construction
   LOCATION VOL4         VOLUME     364670.389  3767942.775       72.570
** DESCRSRC Construction
   LOCATION VOL5         VOLUME     364682.606  3767952.824       73.590
** DESCRSRC Construction
   LOCATION VOL6         VOLUME     364635.569  3767984.167       73.090
** DESCRSRC Construction
   LOCATION VOL7         VOLUME     364645.693  3767974.123       73.090
** DESCRSRC Construction
   LOCATION VOL8         VOLUME     364674.619  3768012.632       73.980
** DESCRSRC Construction
```

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   LOCATION VOL9         VOLUME     364685.283  3768023.064       74.590
** DESCRSRC Construction
   LOCATION VOL10        VOLUME     364697.932  3768046.506       75.030
** DESCRSRC Construction
   LOCATION VOL11        VOLUME     364708.942  3768040.528       74.960
** DESCRSRC Construction
   LOCATION VOL12        VOLUME     364719.503  3768043.450       74.940
** DESCRSRC Construction
   LOCATION VOL13        VOLUME     364723.766  3768032.801       75.230
** DESCRSRC Construction
   LOCATION VOL14        VOLUME     364734.894  3768042.305       74.960
** DESCRSRC Construction
   LOCATION VOL15        VOLUME     364739.298  3768030.250       75.040
** DESCRSRC Construction
   LOCATION VOL16        VOLUME     364749.731  3768019.355       74.960
** DESCRSRC Construction
   LOCATION VOL17        VOLUME     364758.540  3768006.604       74.840
** DESCRSRC Construction
   LOCATION VOL18        VOLUME     364701.483  3768029.828       74.950
** DESCRSRC Construction
   LOCATION VOL19        VOLUME     364727.798  3768053.697       74.980
** DESCRSRC Construction
** Source Parameters **
   SRCPARAM VOL1         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL2         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL3         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL4         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL5         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL6         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL7         0.0526315789     5.000     2.326     4.650
   SRCPARAM VOL8         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL9         0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL10        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL11        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL12        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL13        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL14        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL15        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL16        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL17        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL18        0.0526315789     5.000     2.326     4.651
   SRCPARAM VOL19        0.0526315789     5.000     2.326     4.651
   URBANSRC ALL

** Variable Emissions Type: "By Season / Hour / Seven Days (SHRDOW7)"
** Variable Emission Scenario: "Scenario 2"
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL1         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL1         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL1          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Monday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL2          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Winter;  Day of Week = Monday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL3          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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** Season = Summer;  Day of Week = Friday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL4          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL4          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL5          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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** Season = Spring;  Day of Week = Monday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Fall;  Day of Week = Monday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Spring;  Day of Week = Wednesday
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** Season = Summer;  Day of Week = Wednesday
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL5          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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** Season = Winter;  Day of Week = Thursday
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** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Fall;  Day of Week = Thursday
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** Season = Winter;  Day of Week = Friday
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
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   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL5          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL5          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL6          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL6          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL7          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL7          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL7          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL7          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL7          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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** Season = Summer;  Day of Week = Wednesday
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** Season = Fall;  Day of Week = Wednesday
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** Season = Winter;  Day of Week = Thursday
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** Season = Spring;  Day of Week = Thursday
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** Season = Summer;  Day of Week = Thursday
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** Season = Fall;  Day of Week = Thursday
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** Season = Winter;  Day of Week = Friday
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   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
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   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
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   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL8          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL9          SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9          SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL10        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Friday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL11        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Summer;  Day of Week = Friday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL12        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Friday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL13        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL13        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL14         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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** Season = Fall;  Day of Week = Monday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Spring;  Day of Week = Tuesday
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** Season = Summer;  Day of Week = Tuesday
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** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Winter;  Day of Week = Friday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL14        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL15        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL16        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL16        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL17        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL17        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL18        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL18        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Monday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19         SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19         SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** Season = Fall;  Day of Week = Wednesday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Thursday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT VOL19        SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED ArcadiaWTP_Con.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE KSMO_V9_ADJU\KSMO_v9.SFC
   PROFFILE KSMO_V9_ADJU\KSMO_v9.PFL
   SURFDATA 93197 2012
   UAIRDATA 3190 2012
   PROFBASE 53.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST ArcadiaWTP_Con.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL ArcadiaWTP_Con.AD\PE00GALL.PLT 32
   SUMMFILE ArcadiaWTP_Con.sum
OU FINISHED
```

```
  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2249       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
 ME W187    2249       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************
```

```
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\AERMOD
Runs\ArcadiaWTP_Con\ArcadiaWTP_Con.isc   ***        02/19/20
 *** AERMET - VERSION  16216 ***   ***
***        13:47:47

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS
SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses URBAN Dispersion Algorithm for the SBL for    19 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.
        6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     19 Source(s);       1 Source Group(s); and
869 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     19 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 OPENPIT source(s)
```

```
                and:      0 BUOYANT LINE source(s) with      0 line(s)

 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor
(RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting
(PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values
(SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for
Calm Hours
                                                                 m for
Missing Hours
                                                                 b for
Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    53.00 ;
Decay Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC
;  Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.7 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   ArcadiaWTP_Con.err
 **File for Summary of Results:   ArcadiaWTP_Con.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SOURCE CATS.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
VOL1	0	0.52632E-01 SHRDOW7	364657.5	3767934.1	72.4	5.00	2.33	4.65	YES
VOL2	0	0.52632E-01 SHRDOW7	364651.5	3767946.1	72.8	5.00	2.33	4.65	YES
VOL3	0	0.52632E-01 SHRDOW7	364641.5	3767956.3	72.8	5.00	2.33	4.65	YES
VOL4	0	0.52632E-01 SHRDOW7	364670.4	3767942.8	72.6	5.00	2.33	4.65	YES
VOL5	0	0.52632E-01 SHRDOW7	364682.6	3767952.8	73.6	5.00	2.33	4.65	YES
VOL6	0	0.52632E-01 SHRDOW7	364635.6	3767984.2	73.1	5.00	2.33	4.65	YES
VOL7	0	0.52632E-01 SHRDOW7	364645.7	3767974.1	73.1	5.00	2.33	4.65	YES
VOL8	0	0.52632E-01 SHRDOW7	364674.6	3768012.6	74.0	5.00	2.33	4.65	YES
VOL9	0	0.52632E-01 SHRDOW7	364685.3	3768023.1	74.6	5.00	2.33	4.65	YES
VOL10	0	0.52632E-01 SHRDOW7	364697.9	3768046.5	75.0	5.00	2.33	4.65	YES
VOL11	0	0.52632E-01 SHRDOW7	364708.9	3768040.5	75.0	5.00	2.33	4.65	YES
VOL12	0	0.52632E-01 SHRDOW7	364719.5	3768043.4	74.9	5.00	2.33	4.65	YES
VOL13	0	0.52632E-01 SHRDOW7	364723.8	3768032.8	75.2	5.00	2.33	4.65	YES
VOL14	0	0.52632E-01 SHRDOW7	364734.9	3768042.3	75.0	5.00	2.33	4.65	YES
VOL15	0	0.52632E-01 SHRDOW7	364739.3	3768030.2	75.0	5.00	2.33	4.65	YES
VOL16	0	0.52632E-01 SHRDOW7	364749.7	3768019.4	75.0	5.00	2.33	4.65	YES

VOL17		0	0.52632E-01	364758.5	3768006.6	74.8	5.00
2.33	4.65	YES	SHRDOW7				
VOL18		0	0.52632E-01	364701.5	3768029.8	75.0	5.00
2.33	4.65	YES	SHRDOW7				
VOL19		0	0.52632E-01	364727.8	3768053.7	75.0	5.00
2.33	4.65	YES	SHRDOW7				

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
	VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 ,
	VOL17 , VOL18 , VOL19 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	9818605.	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,
		VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 ,
		VOL17 , VOL18 , VOL19 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL4 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00
13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00
13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00
13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00
13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00
13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00
13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01				

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01										

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
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```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

SEASON = SPRING; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = SUMMER; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

SEASON = FALL ; DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(363650.0, 3767000.0, 53.9, 53.9, 0.0); (363750.0, 3767000.0, 51.7, 51.7, 0.0);
(363850.0, 3767000.0, 50.9, 50.9, 0.0); (363950.0, 3767000.0, 51.5, 51.5, 0.0);
(364050.0, 3767000.0, 52.8, 52.8, 0.0); (364150.0, 3767000.0, 53.9, 53.9, 0.0);
(364250.0, 3767000.0, 53.8, 53.8, 0.0); (364350.0, 3767000.0, 54.8, 54.8, 0.0);
(364450.0, 3767000.0, 55.1, 55.1, 0.0); (364550.0, 3767000.0, 55.3, 55.3, 0.0);
(364650.0, 3767000.0, 55.5, 55.5, 0.0); (364750.0, 3767000.0, 54.1, 54.1, 0.0);
(364850.0, 3767000.0, 53.6, 53.6, 0.0); (364950.0, 3767000.0, 52.4, 52.4, 0.0);
(365050.0, 3767000.0, 50.9, 50.9, 0.0); (365150.0, 3767000.0, 51.1, 51.1, 0.0);
(365250.0, 3767000.0, 50.6, 50.6, 0.0); (365350.0, 3767000.0, 50.1, 50.1, 0.0);
(365450.0, 3767000.0, 50.3, 50.3, 0.0); (365550.0, 3767000.0, 51.1, 51.1, 0.0);
(365650.0, 3767000.0, 50.6, 50.6, 0.0); (363650.0, 3767100.0, 57.3, 57.3, 0.0);
(363750.0, 3767100.0, 55.2, 55.2, 0.0); (363850.0, 3767100.0, 52.5, 52.5, 0.0);
(363950.0, 3767100.0, 52.2, 52.2, 0.0); (364050.0, 3767100.0, 53.7, 53.7, 0.0);
(364150.0, 3767100.0, 54.9, 54.9, 0.0); (364250.0, 3767100.0, 56.0, 56.0, 0.0);
(364350.0, 3767100.0, 56.5, 56.5, 0.0); (364450.0, 3767100.0, 57.3, 57.3, 0.0);
(364550.0, 3767100.0, 57.3, 57.3, 0.0); (364650.0, 3767100.0, 56.8, 56.8, 0.0);
(364750.0, 3767100.0, 56.4, 56.4, 0.0); (364850.0, 3767100.0, 55.7, 55.7, 0.0);
(364950.0, 3767100.0, 54.0, 54.0, 0.0); (365050.0, 3767100.0, 53.5, 53.5, 0.0);
(365150.0, 3767100.0, 52.3, 52.3, 0.0); (365250.0, 3767100.0, 52.0, 52.0, 0.0);
(365350.0, 3767100.0, 51.9, 51.9, 0.0); (365450.0, 3767100.0, 51.8, 51.8, 0.0);

```
     ( 365550.0, 3767100.0,      51.4,      51.4,       0.0);         (
365650.0, 3767100.0,      51.9,      51.9,       0.0);
     ( 363650.0, 3767200.0,      59.8,      59.8,       0.0);         (
363750.0, 3767200.0,      58.1,      58.1,       0.0);
     ( 363850.0, 3767200.0,      56.3,      56.3,       0.0);         (
363950.0, 3767200.0,      55.4,      55.4,       0.0);
     ( 364050.0, 3767200.0,      54.6,      54.6,       0.0);         (
364150.0, 3767200.0,      56.8,      56.8,       0.0);
     ( 364250.0, 3767200.0,      56.9,      56.9,       0.0);         (
364350.0, 3767200.0,      58.6,      58.6,       0.0);
     ( 364450.0, 3767200.0,      59.5,      59.5,       0.0);         (
364550.0, 3767200.0,      59.4,      59.4,       0.0);
     ( 364650.0, 3767200.0,      59.6,      59.6,       0.0);         (
364750.0, 3767200.0,      57.5,      58.6,       0.0);
     ( 364850.0, 3767200.0,      57.3,      57.3,       0.0);         (
364950.0, 3767200.0,      56.5,      56.5,       0.0);
     ( 365050.0, 3767200.0,      55.4,      55.4,       0.0);         (
365150.0, 3767200.0,      53.9,      53.9,       0.0);
     ( 365250.0, 3767200.0,      53.5,      53.5,       0.0);         (
365350.0, 3767200.0,      53.5,      53.5,       0.0);
     ( 365450.0, 3767200.0,      53.0,      53.0,       0.0);         (
365550.0, 3767200.0,      52.7,      52.7,       0.0);
     ( 365650.0, 3767200.0,      53.2,      53.2,       0.0);         (
363650.0, 3767300.0,      62.2,      62.2,       0.0);
     ( 363750.0, 3767300.0,      60.5,      60.5,       0.0);         (
363850.0, 3767300.0,      60.7,      60.7,       0.0);
     ( 363950.0, 3767300.0,      59.5,      59.5,       0.0);         (
364050.0, 3767300.0,      59.2,      59.2,       0.0);
     ( 364150.0, 3767300.0,      59.4,      59.4,       0.0);         (
364250.0, 3767300.0,      60.4,      60.4,       0.0);
     ( 364350.0, 3767300.0,      60.0,      60.0,       0.0);         (
364450.0, 3767300.0,      60.9,      60.9,       0.0);
     ( 364550.0, 3767300.0,      61.9,      61.9,       0.0);         (
364650.0, 3767300.0,      60.3,      60.3,       0.0);
     ( 364750.0, 3767300.0,      60.6,      60.6,       0.0);         (
364850.0, 3767300.0,      59.6,      59.6,       0.0);
     ( 364950.0, 3767300.0,      58.5,      58.5,       0.0);         (
365050.0, 3767300.0,      57.1,      57.1,       0.0);
     ( 365150.0, 3767300.0,      55.5,      55.5,       0.0);         (
365250.0, 3767300.0,      55.0,      55.0,       0.0);
     ( 365350.0, 3767300.0,      54.9,      54.9,       0.0);         (
365450.0, 3767300.0,      54.5,      54.5,       0.0);
     ( 365550.0, 3767300.0,      53.9,      53.9,       0.0);         (
365650.0, 3767300.0,      54.4,      54.4,       0.0);
     ( 363650.0, 3767400.0,      65.9,      65.9,       0.0);         (
363750.0, 3767400.0,      64.7,      64.7,       0.0);
     ( 363850.0, 3767400.0,      64.2,      64.2,       0.0);         (
363950.0, 3767400.0,      64.9,      65.1,       0.0);
     ( 364050.0, 3767400.0,      64.3,      64.7,       0.0);         (
364150.0, 3767400.0,      64.9,      64.9,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364250.0, 3767400.0, 64.3, 64.3, 0.0); (364350.0, 3767400.0, 63.4, 63.4, 0.0);
(364450.0, 3767400.0, 63.1, 63.1, 0.0); (364550.0, 3767400.0, 63.1, 63.1, 0.0);
(364650.0, 3767400.0, 63.6, 63.6, 0.0); (364750.0, 3767400.0, 62.8, 62.8, 0.0);
(364850.0, 3767400.0, 61.7, 61.7, 0.0); (364950.0, 3767400.0, 60.7, 60.7, 0.0);
(365050.0, 3767400.0, 58.9, 58.9, 0.0); (365150.0, 3767400.0, 57.6, 57.6, 0.0);
(365250.0, 3767400.0, 56.5, 56.5, 0.0); (365350.0, 3767400.0, 55.8, 55.8, 0.0);
(365450.0, 3767400.0, 55.7, 55.7, 0.0); (365550.0, 3767400.0, 55.4, 55.4, 0.0);
(365650.0, 3767400.0, 55.9, 55.9, 0.0); (363650.0, 3767500.0, 69.0, 69.0, 0.0);
(363750.0, 3767500.0, 69.8, 69.8, 0.0); (363850.0, 3767500.0, 70.0, 70.0, 0.0);
(363950.0, 3767500.0, 69.3, 69.3, 0.0); (364050.0, 3767500.0, 71.7, 71.7, 0.0);
(364150.0, 3767500.0, 72.2, 72.2, 0.0); (364250.0, 3767500.0, 69.9, 70.0, 0.0);
(364350.0, 3767500.0, 65.2, 68.6, 0.0); (364450.0, 3767500.0, 66.0, 67.0, 0.0);
(364550.0, 3767500.0, 66.5, 66.5, 0.0); (364650.0, 3767500.0, 64.8, 64.8, 0.0);
(364750.0, 3767500.0, 64.2, 64.2, 0.0); (364850.0, 3767500.0, 63.5, 63.5, 0.0);
(364950.0, 3767500.0, 62.5, 62.5, 0.0); (365050.0, 3767500.0, 60.7, 60.7, 0.0);
(365150.0, 3767500.0, 59.3, 59.3, 0.0); (365250.0, 3767500.0, 58.4, 58.4, 0.0);
(365350.0, 3767500.0, 57.4, 57.4, 0.0); (365450.0, 3767500.0, 56.9, 56.9, 0.0);
(365550.0, 3767500.0, 57.3, 57.3, 0.0); (365650.0, 3767500.0, 56.8, 56.8, 0.0);
(363650.0, 3767600.0, 72.6, 72.6, 0.0); (363750.0, 3767600.0, 72.7, 72.7, 0.0);
(363850.0, 3767600.0, 72.7, 72.7, 0.0); (363950.0, 3767600.0, 72.8, 72.8, 0.0);

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     ( 364050.0, 3767600.0,      73.0,      73.0,       0.0);         (
364150.0, 3767600.0,      72.9,      72.9,       0.0);
     ( 364250.0, 3767600.0,      70.8,      70.8,       0.0);         (
364350.0, 3767600.0,      68.0,      68.0,       0.0);
     ( 364450.0, 3767600.0,      69.3,      69.3,       0.0);         (
364550.0, 3767600.0,      68.1,      69.0,       0.0);
     ( 364650.0, 3767600.0,      67.2,      67.2,       0.0);         (
364750.0, 3767600.0,      65.8,      65.8,       0.0);
     ( 364850.0, 3767600.0,      65.3,      65.3,       0.0);         (
364950.0, 3767600.0,      64.1,      64.1,       0.0);
     ( 365050.0, 3767600.0,      63.3,      63.3,       0.0);         (
365150.0, 3767600.0,      61.8,      61.8,       0.0);
     ( 365250.0, 3767600.0,      59.8,      59.8,       0.0);         (
365350.0, 3767600.0,      58.2,      58.2,       0.0);
     ( 365450.0, 3767600.0,      58.2,      58.2,       0.0);         (
365550.0, 3767600.0,      58.9,      58.9,       0.0);
     ( 365650.0, 3767600.0,      58.8,      58.8,       0.0);         (
363650.0, 3767700.0,      76.3,     107.4,       0.0);
     ( 363750.0, 3767700.0,      77.1,     108.3,       0.0);         (
363850.0, 3767700.0,      78.0,     107.3,       0.0);
     ( 363950.0, 3767700.0,      77.3,      77.3,       0.0);         (
364050.0, 3767700.0,      75.4,      75.4,       0.0);
     ( 364150.0, 3767700.0,      74.0,      74.0,       0.0);         (
364250.0, 3767700.0,      73.0,      73.0,       0.0);
     ( 364350.0, 3767700.0,      70.5,      70.5,       0.0);         (
364450.0, 3767700.0,      71.3,      71.3,       0.0);
     ( 364550.0, 3767700.0,      69.6,      69.6,       0.0);         (
364650.0, 3767700.0,      69.0,      69.0,       0.0);
     ( 364750.0, 3767700.0,      69.4,      69.4,       0.0);         (
364850.0, 3767700.0,      68.0,      68.0,       0.0);
     ( 364950.0, 3767700.0,      66.5,      66.5,       0.0);         (
365050.0, 3767700.0,      64.1,      64.1,       0.0);
     ( 365150.0, 3767700.0,      62.9,      62.9,       0.0);         (
365250.0, 3767700.0,      60.5,      60.5,       0.0);
     ( 365350.0, 3767700.0,      59.9,      59.9,       0.0);         (
365450.0, 3767700.0,      59.6,      59.6,       0.0);
     ( 365550.0, 3767700.0,      60.1,      60.1,       0.0);         (
365650.0, 3767700.0,      60.5,      60.5,       0.0);
     ( 363650.0, 3767800.0,      80.0,     111.0,       0.0);         (
363750.0, 3767800.0,      83.3,     109.0,       0.0);
     ( 363850.0, 3767800.0,      86.7,     108.0,       0.0);         (
363950.0, 3767800.0,      81.9,     108.0,       0.0);
     ( 364050.0, 3767800.0,      79.2,      79.3,       0.0);         (
364150.0, 3767800.0,      77.0,      77.0,       0.0);
     ( 364250.0, 3767800.0,      74.0,      74.0,       0.0);         (
364350.0, 3767800.0,      72.3,      72.3,       0.0);
     ( 364450.0, 3767800.0,      71.8,      71.8,       0.0);         (
364550.0, 3767800.0,      71.3,      71.3,       0.0);
     ( 364650.0, 3767800.0,      70.4,      70.4,       0.0);         (
364750.0, 3767800.0,      69.4,      69.4,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364850.0, 3767800.0, 68.4, 68.4, 0.0); (364950.0, 3767800.0, 67.7, 67.7, 0.0);
(365050.0, 3767800.0, 65.5, 65.5, 0.0); (365150.0, 3767800.0, 63.8, 63.8, 0.0);
(365250.0, 3767800.0, 62.3, 62.3, 0.0); (365350.0, 3767800.0, 60.5, 60.5, 0.0);
(365450.0, 3767800.0, 60.9, 60.9, 0.0); (365550.0, 3767800.0, 61.7, 61.7, 0.0);
(365650.0, 3767800.0, 61.9, 61.9, 0.0); (363650.0, 3767900.0, 89.6, 111.0, 0.0);
(363750.0, 3767900.0, 97.0, 107.9, 0.0); (363850.0, 3767900.0, 95.9, 108.0, 0.0);
(363950.0, 3767900.0, 86.5, 108.4, 0.0); (364050.0, 3767900.0, 82.1, 107.6, 0.0);
(364150.0, 3767900.0, 78.5, 78.5, 0.0); (364250.0, 3767900.0, 75.2, 75.2, 0.0);
(364350.0, 3767900.0, 74.5, 74.5, 0.0); (364450.0, 3767900.0, 73.9, 73.9, 0.0);
(364550.0, 3767900.0, 72.8, 72.8, 0.0); (364650.0, 3767900.0, 71.2, 71.2, 0.0);
(364750.0, 3767900.0, 71.7, 71.7, 0.0); (364850.0, 3767900.0, 70.0, 70.0, 0.0);
(364950.0, 3767900.0, 67.7, 67.7, 0.0); (365050.0, 3767900.0, 66.2, 66.2, 0.0);
(365150.0, 3767900.0, 64.6, 64.6, 0.0); (365250.0, 3767900.0, 62.2, 62.2, 0.0);
(365350.0, 3767900.0, 61.8, 61.8, 0.0); (365450.0, 3767900.0, 62.6, 62.6, 0.0);
(365550.0, 3767900.0, 62.9, 62.9, 0.0); (365650.0, 3767900.0, 63.3, 63.3, 0.0);
(363650.0, 3768000.0, 103.8, 108.9, 0.0); (363750.0, 3768000.0, 107.3, 107.3, 0.0);
(363850.0, 3768000.0, 101.0, 108.4, 0.0); (363950.0, 3768000.0, 88.7, 108.6, 0.0);
(364050.0, 3768000.0, 83.8, 108.0, 0.0); (364150.0, 3768000.0, 74.6, 107.6, 0.0);
(364250.0, 3768000.0, 78.0, 78.0, 0.0); (364350.0, 3768000.0, 75.8, 75.8, 0.0);
(364450.0, 3768000.0, 75.3, 75.3, 0.0); (364850.0, 3768000.0, 72.0, 72.0, 0.0);

```
     ( 364950.0, 3768000.0,      72.1,      75.0,       0.0);         (
365050.0, 3768000.0,      67.7,      77.6,       0.0);
     ( 365150.0, 3768000.0,      65.9,      79.2,       0.0);         (
365250.0, 3768000.0,      63.6,      63.6,       0.0);
     ( 365350.0, 3768000.0,      63.3,      63.3,       0.0);         (
365450.0, 3768000.0,      63.6,      63.6,       0.0);
     ( 365550.0, 3768000.0,      64.2,      64.2,       0.0);         (
365650.0, 3768000.0,      65.0,      65.0,       0.0);
     ( 363650.0, 3768100.0,     109.9,     109.9,       0.0);         (
363750.0, 3768100.0,     107.8,     108.8,       0.0);
     ( 363850.0, 3768100.0,      90.9,     111.3,       0.0);         (
363950.0, 3768100.0,      77.6,     111.3,       0.0);
     ( 364050.0, 3768100.0,      78.6,     108.9,       0.0);         (
364150.0, 3768100.0,      79.9,      79.9,       0.0);
     ( 364250.0, 3768100.0,      79.6,      79.6,       0.0);         (
364350.0, 3768100.0,      78.2,      78.2,       0.0);
     ( 364450.0, 3768100.0,      77.0,      77.0,       0.0);         (
364550.0, 3768100.0,      77.7,      80.9,       0.0);
     ( 364650.0, 3768100.0,      78.0,      78.0,       0.0);         (
364750.0, 3768100.0,      76.1,      76.1,       0.0);
     ( 364850.0, 3768100.0,      76.3,      76.3,       0.0);         (
364950.0, 3768100.0,      75.3,      75.3,       0.0);
     ( 365050.0, 3768100.0,      77.6,      77.6,       0.0);         (
365150.0, 3768100.0,      74.4,      79.3,       0.0);
     ( 365250.0, 3768100.0,      65.0,      80.1,       0.0);         (
365350.0, 3768100.0,      63.7,      78.5,       0.0);
     ( 365450.0, 3768100.0,      65.2,      77.6,       0.0);         (
365550.0, 3768100.0,      65.4,      65.4,       0.0);
     ( 365650.0, 3768100.0,      66.1,      66.1,       0.0);         (
363650.0, 3768200.0,      92.1,     111.5,       0.0);
     ( 363750.0, 3768200.0,      81.2,     111.5,       0.0);         (
363850.0, 3768200.0,      84.7,     111.3,       0.0);
     ( 363950.0, 3768200.0,      85.0,     109.0,       0.0);         (
364050.0, 3768200.0,      83.6,      84.0,       0.0);
     ( 364150.0, 3768200.0,      82.8,      82.8,       0.0);         (
364250.0, 3768200.0,      80.5,      80.5,       0.0);
     ( 364350.0, 3768200.0,      79.6,      79.6,       0.0);         (
364450.0, 3768200.0,      78.7,      78.7,       0.0);
     ( 364550.0, 3768200.0,      80.0,      80.0,       0.0);         (
364650.0, 3768200.0,      80.2,      80.2,       0.0);
     ( 364750.0, 3768200.0,      79.2,      79.2,       0.0);         (
364850.0, 3768200.0,      78.9,      78.9,       0.0);
     ( 364950.0, 3768200.0,      78.2,      79.3,       0.0);         (
365050.0, 3768200.0,      80.1,      80.1,       0.0);
     ( 365150.0, 3768200.0,      80.0,      80.0,       0.0);         (
365250.0, 3768200.0,      72.8,      79.6,       0.0);
     ( 365350.0, 3768200.0,      75.4,      77.5,       0.0);         (
365450.0, 3768200.0,      73.1,      82.3,       0.0);
     ( 365550.0, 3768200.0,      67.1,      77.3,       0.0);         (
365650.0, 3768200.0,      67.6,      67.6,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(363650.0, 3768300.0, 86.0, 111.5, 0.0); (363750.0, 3768300.0, 87.1, 111.5, 0.0);
(363850.0, 3768300.0, 87.3, 87.3, 0.0); (363950.0, 3768300.0, 87.3, 87.3, 0.0);
(364050.0, 3768300.0, 86.2, 86.2, 0.0); (364150.0, 3768300.0, 84.4, 84.4, 0.0);
(364250.0, 3768300.0, 82.0, 82.0, 0.0); (364350.0, 3768300.0, 80.5, 80.5, 0.0);
(364450.0, 3768300.0, 81.0, 81.0, 0.0); (364550.0, 3768300.0, 82.9, 82.9, 0.0);
(364650.0, 3768300.0, 80.1, 80.1, 0.0); (364750.0, 3768300.0, 82.0, 82.0, 0.0);
(364850.0, 3768300.0, 81.2, 81.2, 0.0); (364950.0, 3768300.0, 81.5, 81.5, 0.0);
(365050.0, 3768300.0, 83.2, 83.2, 0.0); (365150.0, 3768300.0, 83.9, 83.9, 0.0);
(365250.0, 3768300.0, 76.0, 85.0, 0.0); (365350.0, 3768300.0, 78.5, 78.5, 0.0);
(365450.0, 3768300.0, 78.8, 82.3, 0.0); (365550.0, 3768300.0, 76.4, 76.4, 0.0);
(365650.0, 3768300.0, 71.4, 82.9, 0.0); (363650.0, 3768400.0, 89.1, 89.1, 0.0);
(363750.0, 3768400.0, 89.5, 89.5, 0.0); (363850.0, 3768400.0, 89.6, 89.6, 0.0);
(363950.0, 3768400.0, 89.0, 89.0, 0.0); (364050.0, 3768400.0, 87.6, 87.6, 0.0);
(364150.0, 3768400.0, 85.1, 85.1, 0.0); (364250.0, 3768400.0, 82.0, 82.0, 0.0);
(364350.0, 3768400.0, 81.9, 84.3, 0.0); (364450.0, 3768400.0, 83.5, 83.5, 0.0);
(364550.0, 3768400.0, 85.0, 85.0, 0.0); (364650.0, 3768400.0, 82.0, 82.0, 0.0);
(364750.0, 3768400.0, 84.4, 84.4, 0.0); (364850.0, 3768400.0, 83.0, 83.0, 0.0);
(364950.0, 3768400.0, 84.4, 84.4, 0.0); (365050.0, 3768400.0, 86.5, 86.8, 0.0);
(365150.0, 3768400.0, 86.1, 86.1, 0.0); (365250.0, 3768400.0, 80.9, 83.0, 0.0);
(365350.0, 3768400.0, 82.0, 82.0, 0.0); (365450.0, 3768400.0, 82.4, 82.4, 0.0);

```
     ( 365550.0, 3768400.0,      82.7,      82.7,       0.0);         (
365650.0, 3768400.0,      76.7,      89.7,       0.0);
     ( 363650.0, 3768500.0,      92.1,      92.1,       0.0);         (
363750.0, 3768500.0,      91.9,      91.9,       0.0);
     ( 363850.0, 3768500.0,      91.0,      91.0,       0.0);         (
363950.0, 3768500.0,      91.2,      91.2,       0.0);
     ( 364050.0, 3768500.0,      88.5,      88.5,       0.0);         (
364150.0, 3768500.0,      84.5,      84.5,       0.0);
     ( 364250.0, 3768500.0,      83.4,      85.7,       0.0);         (
364350.0, 3768500.0,      86.0,      86.0,       0.0);
     ( 364450.0, 3768500.0,      87.2,      87.2,       0.0);         (
364550.0, 3768500.0,      85.9,      85.9,       0.0);
     ( 364650.0, 3768500.0,      83.9,      84.0,       0.0);         (
364750.0, 3768500.0,      84.9,      84.9,       0.0);
     ( 364850.0, 3768500.0,      86.1,      86.1,       0.0);         (
364950.0, 3768500.0,      85.4,      85.4,       0.0);
     ( 365050.0, 3768500.0,      87.8,      87.8,       0.0);         (
365150.0, 3768500.0,      86.6,      86.6,       0.0);
     ( 365250.0, 3768500.0,      85.2,      88.1,       0.0);         (
365350.0, 3768500.0,      85.6,      85.6,       0.0);
     ( 365450.0, 3768500.0,      84.0,      85.7,       0.0);         (
365550.0, 3768500.0,      87.5,      87.5,       0.0);
     ( 365650.0, 3768500.0,      88.3,      88.3,       0.0);         (
363650.0, 3768600.0,      94.8,      94.8,       0.0);
     ( 363750.0, 3768600.0,      94.0,      94.0,       0.0);         (
363850.0, 3768600.0,      95.0,      95.8,       0.0);
     ( 363950.0, 3768600.0,      91.0,      94.6,       0.0);         (
364050.0, 3768600.0,      88.5,      88.5,       0.0);
     ( 364150.0, 3768600.0,      85.9,      87.2,       0.0);         (
364250.0, 3768600.0,      88.9,      88.9,       0.0);
     ( 364350.0, 3768600.0,      89.2,      89.2,       0.0);         (
364450.0, 3768600.0,      90.3,      90.3,       0.0);
     ( 364550.0, 3768600.0,      89.2,      89.2,       0.0);         (
364650.0, 3768600.0,      85.3,      85.3,       0.0);
     ( 364750.0, 3768600.0,      87.2,      90.0,       0.0);         (
364850.0, 3768600.0,      88.5,      88.5,       0.0);
     ( 364950.0, 3768600.0,      87.0,      89.3,       0.0);         (
365050.0, 3768600.0,      90.6,      90.6,       0.0);
     ( 365150.0, 3768600.0,      87.2,      87.2,       0.0);         (
365250.0, 3768600.0,      88.7,      88.7,       0.0);
     ( 365350.0, 3768600.0,      88.8,      88.8,       0.0);         (
365450.0, 3768600.0,      89.0,      89.0,       0.0);
     ( 365550.0, 3768600.0,      88.4,      88.4,       0.0);         (
365650.0, 3768600.0,      89.7,      89.7,       0.0);
     ( 363650.0, 3768700.0,      97.5,      97.5,       0.0);         (
363750.0, 3768700.0,      96.1,      96.1,       0.0);
     ( 363850.0, 3768700.0,      95.0,      95.0,       0.0);         (
363950.0, 3768700.0,      91.7,      91.7,       0.0);
     ( 364050.0, 3768700.0,      89.1,      89.1,       0.0);         (
364150.0, 3768700.0,      87.9,      90.7,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364250.0, 3768700.0, 90.8, 90.8, 0.0); (364350.0, 3768700.0, 92.3, 92.3, 0.0);
(364450.0, 3768700.0, 92.4, 94.3, 0.0); (364550.0, 3768700.0, 90.3, 94.4, 0.0);
(364650.0, 3768700.0, 87.6, 90.6, 0.0); (364750.0, 3768700.0, 90.8, 90.8, 0.0);
(364850.0, 3768700.0, 92.8, 92.8, 0.0); (364950.0, 3768700.0, 90.6, 90.6, 0.0);
(365050.0, 3768700.0, 92.3, 92.3, 0.0); (365150.0, 3768700.0, 90.0, 90.0, 0.0);
(365250.0, 3768700.0, 89.7, 89.7, 0.0); (365350.0, 3768700.0, 91.9, 91.9, 0.0);
(365450.0, 3768700.0, 90.8, 90.8, 0.0); (365550.0, 3768700.0, 92.0, 92.0, 0.0);
(365650.0, 3768700.0, 90.7, 90.7, 0.0); (363650.0, 3768800.0, 100.7, 100.7, 0.0);
(363750.0, 3768800.0, 98.2, 98.2, 0.0); (363850.0, 3768800.0, 94.7, 94.7, 0.0);
(363950.0, 3768800.0, 93.4, 93.4, 0.0); (364050.0, 3768800.0, 93.0, 95.2, 0.0);
(364150.0, 3768800.0, 89.8, 89.8, 0.0); (364250.0, 3768800.0, 93.2, 93.2, 0.0);
(364350.0, 3768800.0, 94.6, 94.6, 0.0); (364450.0, 3768800.0, 95.6, 95.6, 0.0);
(364550.0, 3768800.0, 94.1, 96.9, 0.0); (364650.0, 3768800.0, 89.0, 93.7, 0.0);
(364750.0, 3768800.0, 93.1, 93.1, 0.0); (364850.0, 3768800.0, 94.8, 94.8, 0.0);
(364950.0, 3768800.0, 93.3, 93.3, 0.0); (365050.0, 3768800.0, 94.6, 94.6, 0.0);
(365150.0, 3768800.0, 92.0, 92.9, 0.0); (365250.0, 3768800.0, 93.7, 93.7, 0.0);
(365350.0, 3768800.0, 94.7, 94.7, 0.0); (365450.0, 3768800.0, 94.2, 94.2, 0.0);
(365550.0, 3768800.0, 93.0, 93.0, 0.0); (365650.0, 3768800.0, 92.5, 92.5, 0.0);
(363650.0, 3768900.0, 102.5, 109.6, 0.0); (363750.0, 3768900.0, 97.9, 97.9, 0.0);
(363850.0, 3768900.0, 96.6, 96.6, 0.0); (363950.0, 3768900.0, 96.3, 96.3, 0.0);

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     ( 364050.0, 3768900.0,      95.9,      95.9,       0.0);         (
364150.0, 3768900.0,      95.5,      95.5,       0.0);
     ( 364250.0, 3768900.0,      95.8,      95.8,       0.0);         (
364350.0, 3768900.0,      97.3,      97.3,       0.0);
     ( 364450.0, 3768900.0,      97.7,      97.7,       0.0);         (
364550.0, 3768900.0,      98.0,      99.0,       0.0);
     ( 364650.0, 3768900.0,      93.3,      93.3,       0.0);         (
364750.0, 3768900.0,      91.3,      91.3,       0.0);
     ( 364850.0, 3768900.0,      97.5,      97.5,       0.0);         (
364950.0, 3768900.0,      95.1,      95.1,       0.0);
     ( 365050.0, 3768900.0,      96.6,      96.6,       0.0);         (
365150.0, 3768900.0,      94.2,      94.2,       0.0);
     ( 365250.0, 3768900.0,      96.2,      96.2,       0.0);         (
365350.0, 3768900.0,      96.9,      96.9,       0.0);
     ( 365450.0, 3768900.0,      95.7,      95.7,       0.0);         (
365550.0, 3768900.0,      96.2,      96.2,       0.0);
     ( 365650.0, 3768900.0,      94.8,      94.8,       0.0);         (
363650.0, 3769000.0,     102.3,     112.3,       0.0);
     ( 363750.0, 3769000.0,      99.0,      99.0,       0.0);         (
363850.0, 3769000.0,      98.7,      98.7,       0.0);
     ( 363950.0, 3769000.0,      99.7,     105.5,       0.0);         (
364050.0, 3769000.0,      98.6,      98.6,       0.0);
     ( 364150.0, 3769000.0,      97.1,      97.1,       0.0);         (
364250.0, 3769000.0,      98.0,      98.0,       0.0);
     ( 364350.0, 3769000.0,      98.6,      98.6,       0.0);         (
364450.0, 3769000.0,      99.4,      99.4,       0.0);
     ( 364550.0, 3769000.0,      98.8,      98.8,       0.0);         (
364650.0, 3769000.0,      97.8,      97.8,       0.0);
     ( 364750.0, 3769000.0,      97.0,      97.0,       0.0);         (
364850.0, 3769000.0,      98.5,      98.5,       0.0);
     ( 364950.0, 3769000.0,      97.7,      97.7,       0.0);         (
365050.0, 3769000.0,      98.2,      98.2,       0.0);
     ( 365150.0, 3769000.0,      98.5,      98.5,       0.0);         (
365250.0, 3769000.0,      99.3,      99.3,       0.0);
     ( 365350.0, 3769000.0,      99.2,      99.2,       0.0);         (
365450.0, 3769000.0,      98.5,      98.5,       0.0);
     ( 365550.0, 3769000.0,      98.1,      98.1,       0.0);         (
365650.0, 3769000.0,      95.1,      95.1,       0.0);
     ( 364450.0, 3767750.0,      72.3,      72.3,       0.0);         (
364475.0, 3767750.0,      71.2,      71.2,       0.0);
     ( 364500.0, 3767750.0,      70.6,      70.6,       0.0);         (
364525.0, 3767750.0,      70.6,      70.6,       0.0);
     ( 364550.0, 3767750.0,      70.3,      70.3,       0.0);         (
364575.0, 3767750.0,      69.3,      69.3,       0.0);
     ( 364600.0, 3767750.0,      69.7,      69.7,       0.0);         (
364625.0, 3767750.0,      70.0,      70.0,       0.0);
     ( 364650.0, 3767750.0,      69.4,      69.4,       0.0);         (
364675.0, 3767750.0,      69.7,      69.7,       0.0);
     ( 364700.0, 3767750.0,      69.8,      69.8,       0.0);         (
364725.0, 3767750.0,      69.6,      69.6,       0.0);
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364750.0, 3767750.0, 69.2, 69.2, 0.0); (364775.0, 3767750.0, 69.4, 69.4, 0.0);
(364800.0, 3767750.0, 68.7, 68.7, 0.0); (364825.0, 3767750.0, 68.6, 68.6, 0.0);
(364850.0, 3767750.0, 68.5, 68.5, 0.0); (364875.0, 3767750.0, 67.9, 67.9, 0.0);
(364900.0, 3767750.0, 67.7, 67.7, 0.0); (364925.0, 3767750.0, 67.5, 67.5, 0.0);
(364950.0, 3767750.0, 66.9, 66.9, 0.0); (364450.0, 3767775.0, 72.1, 72.1, 0.0);
(364475.0, 3767775.0, 71.2, 71.2, 0.0); (364500.0, 3767775.0, 71.4, 71.4, 0.0);
(364525.0, 3767775.0, 71.4, 71.4, 0.0); (364550.0, 3767775.0, 70.7, 70.7, 0.0);
(364575.0, 3767775.0, 70.5, 70.5, 0.0); (364600.0, 3767775.0, 70.6, 70.6, 0.0);
(364625.0, 3767775.0, 69.9, 69.9, 0.0); (364650.0, 3767775.0, 70.0, 70.0, 0.0);
(364675.0, 3767775.0, 70.0, 70.0, 0.0); (364700.0, 3767775.0, 69.9, 69.9, 0.0);
(364725.0, 3767775.0, 69.8, 69.8, 0.0); (364750.0, 3767775.0, 69.5, 69.5, 0.0);
(364775.0, 3767775.0, 68.9, 68.9, 0.0); (364800.0, 3767775.0, 68.5, 68.5, 0.0);
(364825.0, 3767775.0, 68.1, 68.1, 0.0); (364850.0, 3767775.0, 68.7, 68.7, 0.0);
(364875.0, 3767775.0, 68.0, 68.0, 0.0); (364900.0, 3767775.0, 68.1, 68.1, 0.0);
(364925.0, 3767775.0, 67.6, 67.6, 0.0); (364950.0, 3767775.0, 67.2, 67.2, 0.0);
(364450.0, 3767800.0, 71.8, 71.8, 0.0); (364475.0, 3767800.0, 71.8, 71.8, 0.0);
(364500.0, 3767800.0, 71.9, 71.9, 0.0); (364525.0, 3767800.0, 71.4, 71.4, 0.0);
(364550.0, 3767800.0, 71.3, 71.3, 0.0); (364575.0, 3767800.0, 70.7, 70.7, 0.0);
(364600.0, 3767800.0, 70.4, 70.4, 0.0); (364625.0, 3767800.0, 70.3, 70.3, 0.0);
(364650.0, 3767800.0, 70.4, 70.4, 0.0); (364675.0, 3767800.0, 70.1, 70.1, 0.0);

```
     ( 364700.0, 3767800.0,      70.3,      70.3,       0.0);         (
364725.0, 3767800.0,      70.1,      70.1,       0.0);
     ( 364750.0, 3767800.0,      69.4,      69.4,       0.0);         (
364775.0, 3767800.0,      69.4,      69.4,       0.0);
     ( 364800.0, 3767800.0,      68.9,      68.9,       0.0);         (
364825.0, 3767800.0,      68.8,      68.8,       0.0);
     ( 364850.0, 3767800.0,      68.4,      68.4,       0.0);         (
364875.0, 3767800.0,      68.6,      68.6,       0.0);
     ( 364900.0, 3767800.0,      68.3,      68.3,       0.0);         (
364925.0, 3767800.0,      67.7,      67.7,       0.0);
     ( 364950.0, 3767800.0,      67.7,      67.7,       0.0);         (
364450.0, 3767825.0,      72.6,      72.6,       0.0);
     ( 364475.0, 3767825.0,      72.4,      72.4,       0.0);         (
364500.0, 3767825.0,      72.0,      72.0,       0.0);
     ( 364525.0, 3767825.0,      71.9,      71.9,       0.0);         (
364550.0, 3767825.0,      71.6,      71.6,       0.0);
     ( 364575.0, 3767825.0,      71.0,      71.0,       0.0);         (
364600.0, 3767825.0,      70.7,      70.7,       0.0);
     ( 364625.0, 3767825.0,      70.4,      70.4,       0.0);         (
364650.0, 3767825.0,      70.5,      70.5,       0.0);
     ( 364675.0, 3767825.0,      70.7,      70.7,       0.0);         (
364700.0, 3767825.0,      70.5,      70.5,       0.0);
     ( 364725.0, 3767825.0,      69.8,      69.8,       0.0);         (
364750.0, 3767825.0,      70.0,      70.0,       0.0);
     ( 364775.0, 3767825.0,      70.0,      70.0,       0.0);         (
364800.0, 3767825.0,      69.8,      69.8,       0.0);
     ( 364825.0, 3767825.0,      69.1,      69.1,       0.0);         (
364850.0, 3767825.0,      69.1,      69.1,       0.0);
     ( 364875.0, 3767825.0,      68.9,      68.9,       0.0);         (
364900.0, 3767825.0,      68.3,      68.3,       0.0);
     ( 364925.0, 3767825.0,      68.2,      68.2,       0.0);         (
364950.0, 3767825.0,      67.8,      67.8,       0.0);
     ( 364450.0, 3767850.0,      72.9,      72.9,       0.0);         (
364475.0, 3767850.0,      72.6,      72.6,       0.0);
     ( 364500.0, 3767850.0,      71.7,      71.7,       0.0);         (
364525.0, 3767850.0,      71.8,      71.8,       0.0);
     ( 364550.0, 3767850.0,      71.7,      71.7,       0.0);         (
364575.0, 3767850.0,      71.6,      71.6,       0.0);
     ( 364600.0, 3767850.0,      71.2,      71.2,       0.0);         (
364625.0, 3767850.0,      70.8,      70.8,       0.0);
     ( 364650.0, 3767850.0,      70.6,      70.6,       0.0);         (
364675.0, 3767850.0,      71.0,      71.0,       0.0);
     ( 364700.0, 3767850.0,      70.3,      70.3,       0.0);         (
364725.0, 3767850.0,      70.5,      70.5,       0.0);
     ( 364750.0, 3767850.0,      70.3,      70.3,       0.0);         (
364775.0, 3767850.0,      70.2,      70.2,       0.0);
     ( 364800.0, 3767850.0,      70.2,      70.2,       0.0);         (
364825.0, 3767850.0,      70.7,      71.0,       0.0);
     ( 364850.0, 3767850.0,      69.2,      69.2,       0.0);         (
364875.0, 3767850.0,      68.9,      68.9,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364900.0, 3767850.0, 68.7, 68.7, 0.0); (364925.0, 3767850.0, 68.4, 68.4, 0.0);
(364950.0, 3767850.0, 67.6, 67.6, 0.0); (364450.0, 3767875.0, 73.4, 73.4, 0.0);
(364475.0, 3767875.0, 73.3, 73.3, 0.0); (364500.0, 3767875.0, 73.0, 73.0, 0.0);
(364525.0, 3767875.0, 72.4, 72.4, 0.0); (364550.0, 3767875.0, 72.2, 72.2, 0.0);
(364575.0, 3767875.0, 72.3, 72.3, 0.0); (364600.0, 3767875.0, 71.3, 71.3, 0.0);
(364625.0, 3767875.0, 70.9, 70.9, 0.0); (364650.0, 3767875.0, 70.9, 70.9, 0.0);
(364675.0, 3767875.0, 70.7, 70.7, 0.0); (364700.0, 3767875.0, 70.9, 70.9, 0.0);
(364725.0, 3767875.0, 71.0, 71.0, 0.0); (364750.0, 3767875.0, 70.9, 70.9, 0.0);
(364775.0, 3767875.0, 70.6, 70.6, 0.0); (364800.0, 3767875.0, 70.8, 70.8, 0.0);
(364825.0, 3767875.0, 71.0, 71.0, 0.0); (364850.0, 3767875.0, 70.1, 70.1, 0.0);
(364875.0, 3767875.0, 69.1, 69.1, 0.0); (364900.0, 3767875.0, 68.6, 68.6, 0.0);
(364925.0, 3767875.0, 68.4, 68.4, 0.0); (364950.0, 3767875.0, 68.0, 68.0, 0.0);
(364450.0, 3767900.0, 73.9, 73.9, 0.0); (364475.0, 3767900.0, 74.1, 74.1, 0.0);
(364500.0, 3767900.0, 73.0, 73.0, 0.0); (364525.0, 3767900.0, 73.1, 75.0, 0.0);
(364550.0, 3767900.0, 72.8, 72.8, 0.0); (364575.0, 3767900.0, 71.8, 71.8, 0.0);
(364600.0, 3767900.0, 71.7, 71.7, 0.0); (364625.0, 3767900.0, 71.8, 71.8, 0.0);
(364650.0, 3767900.0, 71.2, 71.2, 0.0); (364700.0, 3767900.0, 71.3, 71.3, 0.0);
(364725.0, 3767900.0, 71.6, 71.6, 0.0); (364750.0, 3767900.0, 71.7, 71.7, 0.0);
(364775.0, 3767900.0, 71.6, 71.6, 0.0); (364800.0, 3767900.0, 71.2, 71.2, 0.0);
(364825.0, 3767900.0, 70.7, 70.7, 0.0); (364850.0, 3767900.0, 70.0, 70.0, 0.0);

```
     ( 364875.0, 3767900.0,      69.7,      69.7,       0.0);         (
364900.0, 3767900.0,      69.0,      69.0,       0.0);
     ( 364925.0, 3767900.0,      68.1,      68.1,       0.0);         (
364950.0, 3767900.0,      67.7,      67.7,       0.0);
     ( 364450.0, 3767925.0,      73.9,      73.9,       0.0);         (
364475.0, 3767925.0,      73.8,      73.8,       0.0);
     ( 364500.0, 3767925.0,      74.2,      75.0,       0.0);         (
364525.0, 3767925.0,      74.8,      74.8,       0.0);
     ( 364550.0, 3767925.0,      73.2,      74.9,       0.0);         (
364575.0, 3767925.0,      72.5,      72.5,       0.0);
     ( 364600.0, 3767925.0,      72.1,      72.1,       0.0);         (
364625.0, 3767925.0,      71.5,      71.5,       0.0);
     ( 364675.0, 3767925.0,      72.0,      75.9,       0.0);         (
364700.0, 3767925.0,      72.1,      75.9,       0.0);
     ( 364750.0, 3767925.0,      72.1,      76.1,       0.0);         (
364775.0, 3767925.0,      72.4,      72.4,       0.0);
     ( 364800.0, 3767925.0,      72.3,      72.3,       0.0);         (
364825.0, 3767925.0,      71.0,      71.0,       0.0);
     ( 364850.0, 3767925.0,      70.1,      70.1,       0.0);         (
364875.0, 3767925.0,      69.8,      69.8,       0.0);
     ( 364900.0, 3767925.0,      69.1,      69.1,       0.0);         (
364925.0, 3767925.0,      68.7,      68.7,       0.0);
     ( 364950.0, 3767925.0,      68.0,      68.0,       0.0);         (
364450.0, 3767950.0,      74.1,      74.1,       0.0);
     ( 364475.0, 3767950.0,      74.2,      74.2,       0.0);         (
364500.0, 3767950.0,      74.5,      74.5,       0.0);
     ( 364525.0, 3767950.0,      75.0,      75.0,       0.0);         (
364550.0, 3767950.0,      74.9,      74.9,       0.0);
     ( 364575.0, 3767950.0,      72.1,      75.0,       0.0);         (
364600.0, 3767950.0,      72.1,      72.1,       0.0);
     ( 364775.0, 3767950.0,      72.0,      76.2,       0.0);         (
364800.0, 3767950.0,      72.2,      72.2,       0.0);
     ( 364825.0, 3767950.0,      71.2,      71.2,       0.0);         (
364850.0, 3767950.0,      71.1,      71.1,       0.0);
     ( 364875.0, 3767950.0,      70.0,      70.0,       0.0);         (
364900.0, 3767950.0,      69.5,      69.5,       0.0);
     ( 364925.0, 3767950.0,      69.0,      69.0,       0.0);         (
364950.0, 3767950.0,      68.5,      68.5,       0.0);
     ( 364450.0, 3767975.0,      74.6,      74.6,       0.0);         (
364475.0, 3767975.0,      74.6,      74.6,       0.0);
     ( 364500.0, 3767975.0,      74.4,      74.4,       0.0);         (
364525.0, 3767975.0,      74.6,      74.6,       0.0);
     ( 364550.0, 3767975.0,      74.9,      74.9,       0.0);         (
364575.0, 3767975.0,      73.1,      75.0,       0.0);
     ( 364825.0, 3767975.0,      72.0,      72.0,       0.0);         (
364850.0, 3767975.0,      72.1,      72.1,       0.0);
     ( 364875.0, 3767975.0,      70.9,      70.9,       0.0);         (
364900.0, 3767975.0,      70.9,      70.9,       0.0);
     ( 364925.0, 3767975.0,      69.8,      69.8,       0.0);         (
364950.0, 3767975.0,      69.4,      75.0,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364450.0, 3768000.0, 75.3, 75.3, 0.0); (364475.0, 3768000.0, 75.5, 75.5, 0.0);
(364500.0, 3768000.0, 75.2, 75.2, 0.0); (364525.0, 3768000.0, 74.6, 74.6, 0.0);
(364800.0, 3768000.0, 72.8, 75.6, 0.0); (364825.0, 3768000.0, 72.2, 75.5, 0.0);
(364850.0, 3768000.0, 72.0, 72.0, 0.0); (364875.0, 3768000.0, 71.2, 71.2, 0.0);
(364900.0, 3768000.0, 71.2, 71.2, 0.0); (364925.0, 3768000.0, 70.5, 75.2, 0.0);
(364950.0, 3768000.0, 72.1, 75.0, 0.0); (364450.0, 3768025.0, 75.7, 75.7, 0.0);
(364475.0, 3768025.0, 75.7, 75.7, 0.0); (364500.0, 3768025.0, 75.6, 75.6, 0.0);
(364525.0, 3768025.0, 75.2, 75.2, 0.0); (364800.0, 3768025.0, 75.5, 75.5, 0.0);
(364825.0, 3768025.0, 74.7, 74.7, 0.0); (364850.0, 3768025.0, 72.8, 72.8, 0.0);
(364875.0, 3768025.0, 72.1, 72.1, 0.0); (364900.0, 3768025.0, 71.7, 71.7, 0.0);
(364925.0, 3768025.0, 72.6, 74.9, 0.0); (364950.0, 3768025.0, 74.4, 74.4, 0.0);
(364450.0, 3768050.0, 74.8, 76.9, 0.0); (364475.0, 3768050.0, 74.5, 75.7, 0.0);
(364500.0, 3768050.0, 75.8, 75.8, 0.0); (364525.0, 3768050.0, 75.7, 75.7, 0.0);
(364550.0, 3768050.0, 75.5, 75.5, 0.0); (364600.0, 3768050.0, 76.1, 76.1, 0.0);
(364625.0, 3768050.0, 75.7, 75.7, 0.0); (364775.0, 3768050.0, 75.3, 75.3, 0.0);
(364800.0, 3768050.0, 75.9, 75.9, 0.0); (364825.0, 3768050.0, 75.5, 75.5, 0.0);
(364850.0, 3768050.0, 73.8, 76.8, 0.0); (364875.0, 3768050.0, 73.2, 73.2, 0.0);
(364900.0, 3768050.0, 72.6, 74.5, 0.0); (364925.0, 3768050.0, 73.8, 73.8, 0.0);
(364950.0, 3768050.0, 75.1, 75.1, 0.0); (364450.0, 3768075.0, 75.4, 76.9, 0.0);
(364475.0, 3768075.0, 74.0, 77.2, 0.0); (364500.0, 3768075.0, 76.5, 76.5, 0.0);

(364525.0, 3768075.0, 76.8, 76.8, 0.0); (364550.0, 3768075.0, 76.9, 80.6, 0.0);
(364575.0, 3768075.0, 76.8, 76.8, 0.0); (364625.0, 3768075.0, 77.1, 77.1, 0.0);
(364650.0, 3768075.0, 77.0, 77.0, 0.0); (364750.0, 3768075.0, 75.5, 75.5, 0.0);
(364775.0, 3768075.0, 76.2, 76.2, 0.0); (364800.0, 3768075.0, 76.0, 76.0, 0.0);
(364825.0, 3768075.0, 76.7, 76.7, 0.0); (364850.0, 3768075.0, 76.0, 76.2, 0.0);
(364875.0, 3768075.0, 75.0, 75.0, 0.0); (364900.0, 3768075.0, 74.6, 74.6, 0.0);
(364925.0, 3768075.0, 74.3, 74.3, 0.0); (364950.0, 3768075.0, 74.7, 74.7, 0.0);
(364450.0, 3768100.0, 77.0, 77.0, 0.0); (364475.0, 3768100.0, 76.6, 77.2, 0.0);
(364500.0, 3768100.0, 77.0, 77.0, 0.0); (364525.0, 3768100.0, 77.8, 79.8, 0.0);
(364550.0, 3768100.0, 77.7, 80.9, 0.0); (364575.0, 3768100.0, 78.8, 78.8, 0.0);
(364600.0, 3768100.0, 78.1, 78.1, 0.0); (364650.0, 3768100.0, 78.0, 78.0, 0.0);
(364675.0, 3768100.0, 78.4, 78.4, 0.0); (364725.0, 3768100.0, 76.4, 76.4, 0.0);
(364750.0, 3768100.0, 76.1, 76.1, 0.0); (364775.0, 3768100.0, 76.3, 76.3, 0.0);
(364800.0, 3768100.0, 77.5, 77.5, 0.0); (364825.0, 3768100.0, 76.9, 76.9, 0.0);
(364850.0, 3768100.0, 76.3, 76.3, 0.0); (364875.0, 3768100.0, 76.3, 76.3, 0.0);
(364900.0, 3768100.0, 75.6, 75.6, 0.0); (364925.0, 3768100.0, 75.0, 75.0, 0.0);
(364950.0, 3768100.0, 75.3, 75.3, 0.0); (364450.0, 3768125.0, 77.9, 77.9, 0.0);
(364475.0, 3768125.0, 77.5, 77.5, 0.0); (364500.0, 3768125.0, 77.4, 77.4, 0.0);
(364525.0, 3768125.0, 78.7, 78.7, 0.0); (364550.0, 3768125.0, 80.5, 80.5, 0.0);
(364575.0, 3768125.0, 80.6, 80.6, 0.0); (364600.0, 3768125.0, 79.4, 79.4, 0.0);
(364625.0, 3768125.0, 78.7, 78.7, 0.0); (364675.0, 3768125.0, 78.5, 78.5, 0.0);
(364700.0, 3768125.0, 77.9, 77.9, 0.0); (364725.0, 3768125.0, 77.5, 77.5, 0.0);
(364750.0, 3768125.0, 77.0, 77.0, 0.0); (364775.0, 3768125.0, 77.2, 77.2, 0.0);
(364800.0, 3768125.0, 77.8, 77.8, 0.0); (364825.0, 3768125.0, 77.1, 77.1, 0.0);
(364850.0, 3768125.0, 77.3, 77.3, 0.0); (364875.0, 3768125.0, 76.9, 76.9, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364900.0, 3768125.0, 75.7, 75.7, 0.0); (364925.0, 3768125.0, 75.8, 75.8, 0.0);
(364950.0, 3768125.0, 76.0, 76.0, 0.0); (364450.0, 3768150.0, 78.0, 78.0, 0.0);
(364475.0, 3768150.0, 78.2, 78.2, 0.0); (364500.0, 3768150.0, 77.9, 77.9, 0.0);
(364525.0, 3768150.0, 78.5, 78.5, 0.0); (364550.0, 3768150.0, 79.7, 79.7, 0.0);
(364575.0, 3768150.0, 80.8, 80.8, 0.0); (364600.0, 3768150.0, 79.8, 79.8, 0.0);
(364625.0, 3768150.0, 79.5, 79.5, 0.0); (364650.0, 3768150.0, 79.0, 79.0, 0.0);
(364700.0, 3768150.0, 78.6, 78.6, 0.0); (364725.0, 3768150.0, 78.4, 78.4, 0.0);
(364750.0, 3768150.0, 77.8, 77.8, 0.0); (364775.0, 3768150.0, 78.0, 78.0, 0.0);
(364800.0, 3768150.0, 78.0, 78.0, 0.0); (364825.0, 3768150.0, 77.9, 77.9, 0.0);
(364850.0, 3768150.0, 77.9, 77.9, 0.0); (364875.0, 3768150.0, 77.4, 77.4, 0.0);
(364900.0, 3768150.0, 76.9, 76.9, 0.0); (364925.0, 3768150.0, 76.7, 76.7, 0.0);
(364950.0, 3768150.0, 76.4, 76.4, 0.0); (364450.0, 3768175.0, 78.3, 78.3, 0.0);
(364475.0, 3768175.0, 78.6, 78.6, 0.0); (364500.0, 3768175.0, 78.5, 78.5, 0.0);
(364525.0, 3768175.0, 78.9, 78.9, 0.0); (364550.0, 3768175.0, 79.4, 79.4, 0.0);
(364575.0, 3768175.0, 80.0, 80.0, 0.0); (364600.0, 3768175.0, 80.2, 80.2, 0.0);
(364625.0, 3768175.0, 80.0, 80.0, 0.0); (364650.0, 3768175.0, 80.2, 80.2, 0.0);
(364675.0, 3768175.0, 79.9, 79.9, 0.0); (364700.0, 3768175.0, 78.9, 78.9, 0.0);
(364725.0, 3768175.0, 78.8, 78.8, 0.0); (364750.0, 3768175.0, 78.7, 78.7, 0.0);
(364775.0, 3768175.0, 78.7, 78.7, 0.0); (364800.0, 3768175.0, 78.5, 78.5, 0.0);
(364825.0, 3768175.0, 78.6, 78.6, 0.0); (364850.0, 3768175.0, 78.3, 78.3, 0.0);

```
     ( 364875.0, 3768175.0,      78.3,      78.3,       0.0);         (
364900.0, 3768175.0,      77.8,      77.8,       0.0);
     ( 364925.0, 3768175.0,      76.8,      76.8,       0.0);         (
364950.0, 3768175.0,      77.2,      77.2,       0.0);
     ( 364450.0, 3768200.0,      78.7,      78.7,       0.0);         (
364475.0, 3768200.0,      79.3,      79.3,       0.0);
     ( 364500.0, 3768200.0,      79.0,      79.0,       0.0);         (
364525.0, 3768200.0,      79.9,      79.9,       0.0);
     ( 364550.0, 3768200.0,      80.0,      80.0,       0.0);         (
364575.0, 3768200.0,      80.1,      80.1,       0.0);
     ( 364600.0, 3768200.0,      80.6,      80.6,       0.0);         (
364625.0, 3768200.0,      80.7,      80.7,       0.0);
     ( 364650.0, 3768200.0,      80.2,      80.2,       0.0);         (
364675.0, 3768200.0,      79.7,      79.7,       0.0);
     ( 364700.0, 3768200.0,      79.2,      79.2,       0.0);         (
364725.0, 3768200.0,      79.1,      79.1,       0.0);
     ( 364750.0, 3768200.0,      79.2,      79.2,       0.0);         (
364775.0, 3768200.0,      79.2,      79.2,       0.0);
     ( 364800.0, 3768200.0,      79.4,      79.4,       0.0);         (
364825.0, 3768200.0,      78.9,      78.9,       0.0);
     ( 364850.0, 3768200.0,      78.9,      78.9,       0.0);         (
364875.0, 3768200.0,      79.0,      79.0,       0.0);
     ( 364900.0, 3768200.0,      77.6,      77.6,       0.0);         (
364925.0, 3768200.0,      77.5,      79.4,       0.0);
     ( 364950.0, 3768200.0,      78.2,      79.3,       0.0);         (
364450.0, 3768225.0,      79.2,      79.2,       0.0);
     ( 364475.0, 3768225.0,      79.8,      79.8,       0.0);         (
364500.0, 3768225.0,      79.7,      79.7,       0.0);
     ( 364525.0, 3768225.0,      80.4,      80.4,       0.0);         (
364550.0, 3768225.0,      80.7,      80.7,       0.0);
     ( 364575.0, 3768225.0,      80.9,      81.6,       0.0);         (
364600.0, 3768225.0,      80.8,      80.8,       0.0);
     ( 364625.0, 3768225.0,      80.5,      80.5,       0.0);         (
364650.0, 3768225.0,      80.2,      80.2,       0.0);
     ( 364675.0, 3768225.0,      79.6,      79.6,       0.0);         (
364700.0, 3768225.0,      79.5,      79.5,       0.0);
     ( 364725.0, 3768225.0,      79.5,      79.5,       0.0);         (
364750.0, 3768225.0,      79.5,      79.5,       0.0);
     ( 364775.0, 3768225.0,      79.8,      79.8,       0.0);         (
364800.0, 3768225.0,      79.9,      79.9,       0.0);
     ( 364825.0, 3768225.0,      79.6,      79.6,       0.0);         (
364850.0, 3768225.0,      79.7,      79.7,       0.0);
     ( 364875.0, 3768225.0,      79.5,      79.5,       0.0);         (
364900.0, 3768225.0,      78.5,      78.5,       0.0);
     ( 364925.0, 3768225.0,      79.0,      79.0,       0.0);         (
364950.0, 3768225.0,      79.0,      79.0,       0.0);
     ( 364450.0, 3768250.0,      80.1,      80.1,       0.0);         (
364475.0, 3768250.0,      80.3,      80.3,       0.0);
     ( 364500.0, 3768250.0,      80.7,      80.7,       0.0);         (
364525.0, 3768250.0,      81.2,      81.2,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(364550.0, 3768250.0, 81.7, 81.7, 0.0); (364575.0, 3768250.0, 81.7, 81.7, 0.0);
(364600.0, 3768250.0, 81.4, 81.4, 0.0); (364625.0, 3768250.0, 80.6, 80.6, 0.0);
(364650.0, 3768250.0, 80.3, 80.3, 0.0); (364675.0, 3768250.0, 80.3, 80.3, 0.0);
(364700.0, 3768250.0, 79.8, 79.8, 0.0); (364725.0, 3768250.0, 80.1, 80.1, 0.0);
(364750.0, 3768250.0, 80.2, 80.2, 0.0); (364775.0, 3768250.0, 80.1, 80.1, 0.0);
(364800.0, 3768250.0, 80.4, 80.4, 0.0); (364825.0, 3768250.0, 80.4, 80.4, 0.0);
(364850.0, 3768250.0, 80.0, 80.0, 0.0); (364875.0, 3768250.0, 79.3, 79.3, 0.0);
(364900.0, 3768250.0, 79.5, 79.5, 0.0); (364925.0, 3768250.0, 79.5, 79.5, 0.0);
(364950.0, 3768250.0, 79.5, 79.5, 0.0); (364699.9, 3767936.0, 72.7, 75.9, 0.0);
(364607.9, 3768036.3, 75.6, 75.6, 0.0); (364622.2, 3768048.7, 75.7, 75.7, 0.0);
(364636.5, 3768061.2, 76.2, 76.2, 0.0); (364650.7, 3768073.6, 76.9, 76.9, 0.0);
(364665.0, 3768086.0, 77.9, 77.9, 0.0); (364679.3, 3768098.4, 78.3, 78.3, 0.0);
(364693.5, 3768110.8, 77.8, 77.8, 0.0); (364723.0, 3768107.3, 76.7, 76.7, 0.0);
(364734.2, 3768091.6, 75.9, 75.9, 0.0); (364745.4, 3768075.8, 75.3, 75.3, 0.0);
(364756.6, 3768060.0, 74.9, 74.9, 0.0); (364767.8, 3768044.2, 74.6, 74.6, 0.0);
(364779.0, 3768028.4, 74.6, 75.5, 0.0); (364790.3, 3768012.6, 73.3, 75.6, 0.0);
(364801.5, 3767996.8, 72.6, 75.0, 0.0); (364803.8, 3767974.5, 71.8, 71.8, 0.0);
(364780.5, 3767951.9, 71.9, 76.2, 0.0); (364764.9, 3767940.8, 72.0, 76.2, 0.0);
(364749.2, 3767929.7, 72.0, 76.1, 0.0); (364733.6, 3767918.7, 71.7, 75.9, 0.0);
(364718.0, 3767907.6, 71.6, 75.6, 0.0); (364702.3, 3767896.5, 71.3, 71.3, 0.0);

```
     ( 364686.7, 3767885.4,      71.0,      71.0,       0.0);         (
364667.3, 3767883.4,      70.8,      70.8,       0.0);
     ( 364642.5, 3767904.4,      71.3,      71.3,       0.0);         (
364629.7, 3767918.3,      71.5,      71.5,       0.0);
     ( 364616.9, 3767932.3,      71.7,      71.7,       0.0);         (
364604.0, 3767946.3,      72.0,      72.0,       0.0);
     ( 364591.2, 3767960.3,      72.3,      72.3,       0.0);         (
364578.4, 3767974.2,      73.0,      75.0,       0.0);
     ( 364565.5, 3767988.2,      73.6,      73.6,       0.0);         (
364595.0, 3768046.2,      75.9,      75.9,       0.0);
     ( 364621.1, 3768021.2,      74.1,      75.0,       0.0);         (
364706.7, 3768095.8,      76.7,      76.7,       0.0);
     ( 364785.2, 3767985.2,      72.2,      76.2,       0.0);         (
364786.0, 3767981.8,      72.0,      76.2,       0.0);
     ( 364784.6, 3767979.3,      72.2,      76.2,       0.0);         (
364675.1, 3767901.8,      71.4,      71.4,       0.0);
     ( 364670.1, 3767903.9,      71.3,      71.3,       0.0);         (
364567.5, 3768015.7,      74.6,      74.6,       0.0);
     ( 364567.7, 3768021.7,      74.9,      74.9,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: KSMO_V9_ADJU\KSMO_v9.SFC
Met Version: 16216
Profile file: KSMO_V9_ADJU\KSMO_v9.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 93197 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	131.	10.1	283.1	2.0
12	01	01	1	02	-7.6	0.121	-9.000	-9.000	-999.	101.	21.3	0.17	2.20	1.00	1.35	232.	10.1	282.0	2.0
12	01	01	1	03	-3.3	0.082	-9.000	-9.000	-999.	57.	15.3	0.17	2.20	1.00	0.86	46.	10.1	280.9	2.0
12	01	01	1	04	-5.4	0.102	-9.000	-9.000	-999.	79.	17.9	0.17	2.20	1.00	1.14	82.	10.1	281.4	2.0
12	01	01	1	05	-6.6	0.113	-9.000	-9.000	-999.	91.	19.8	0.17	2.20	1.00	1.26	205.	10.1	281.4	2.0
12	01	01	1	06	-7.4	0.119	-9.000	-9.000	-999.	99.	20.9	0.17	2.20	1.00	1.33	254.	10.1	280.9	2.0
12	01	01	1	07	-4.6	0.094	-9.000	-9.000	-999.	70.	16.6	0.17	2.20	1.00	1.04	39.	10.1	279.2	2.0
12	01	01	1	08	-16.0	0.197	-9.000	-9.000	-999.	209.	43.0	0.17	2.20	0.54	2.10	63.	10.1	282.0	2.0
12	01	01	1	09	36.8	0.255	0.339	0.005	38.	309.	-40.8	0.17	2.20	0.31	2.27	33.	10.1	292.0	2.0
12	01	01	1	10	102.6	0.234	0.691	0.006	117.	271.	-11.3	0.17	2.20	0.23	1.79	204.	10.1	289.2	2.0
12	01	01	1	11	154.6	0.178	1.118	0.005	327.	181.	-3.3	0.17	2.20	0.20	1.11	119.	10.1	296.4	2.0
12	01	01	1	12	182.0	0.295	1.459	0.005	618.	385.	-12.8	0.17	2.20	0.19	2.30	76.	10.1	300.9	2.0
12	01	01	1	13	175.0	0.355	1.686	0.005	991.	507.	-23.0	0.17	2.20	0.19	2.98	179.	10.1	293.8	2.0

```
 12 01 01   1 14  148.1  0.374  1.737  0.005 1282.  549.    -31.9  0.17
2.20   0.20    3.25  211.   10.1  292.0    2.0
 12 01 01   1 15   98.0  0.291  1.572  0.005 1436.  380.    -22.7  0.17
2.20   0.23    2.44  231.   10.1  290.9    2.0
 12 01 01   1 16   28.2  0.303  1.044  0.005 1460.  400.    -89.0  0.17
2.20   0.32    2.85  217.   10.1  289.2    2.0
 12 01 01   1 17  -22.4  0.259 -9.000 -9.000 -999.  317.     73.7  0.17
2.20   0.58    2.73  226.   10.1  287.0    2.0
 12 01 01   1 18   -8.7  0.131 -9.000 -9.000 -999.  124.     23.3  0.17
2.20   1.00    1.45  230.   10.1  286.4    2.0
 12 01 01   1 19  -13.2  0.163 -9.000 -9.000 -999.  157.     29.4  0.17
2.20   1.00    1.77  225.   10.1  285.9    2.0
 12 01 01   1 20   -5.7  0.106 -9.000 -9.000 -999.   83.     18.6  0.17
2.20   1.00    1.18  182.   10.1  284.9    2.0
 12 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.17
2.20   1.00    0.00    0.   10.1  284.2    2.0
 12 01 01   1 22   -7.3  0.119 -9.000 -9.000 -999.   99.     21.1  0.17
2.20   1.00    1.33  202.   10.1  285.4    2.0
 12 01 01   1 23   -6.0  0.108 -9.000 -9.000 -999.   86.     19.1  0.17
2.20   1.00    1.21  251.   10.1  284.9    2.0
 12 01 01   1 24   -5.4  0.102 -9.000 -9.000 -999.   78.     18.0  0.17
2.20   1.00    1.14  224.   10.1  284.2    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01   10.1 1  131.    1.26   283.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
363650.00	3767000.00	0.08889	363750.00	3767000.00	0.09458
363850.00	3767000.00	0.10082	363950.00	3767000.00	0.10764
364050.00	3767000.00	0.11475	364150.00	3767000.00	0.12167
364250.00	3767000.00	0.12753	364350.00	3767000.00	0.13260
364450.00	3767000.00	0.13621	364550.00	3767000.00	0.13852
364650.00	3767000.00	0.13912	364750.00	3767000.00	0.13655
364850.00	3767000.00	0.13100	364950.00	3767000.00	0.12251
365050.00	3767000.00	0.11251	365150.00	3767000.00	0.10274
365250.00	3767000.00	0.09323	365350.00	3767000.00	0.08444
365450.00	3767000.00	0.07662	365550.00	3767000.00	0.06975
365650.00	3767000.00	0.06349	363650.00	3767100.00	0.09854
363750.00	3767100.00	0.10617	363850.00	3767100.00	0.11415
363950.00	3767100.00	0.12311	364050.00	3767100.00	0.13299

364150.00 3767100.00 0.14287
364250.00 3767100.00 0.15216
364350.00 3767100.00 0.15987
364450.00 3767100.00 0.16586
364550.00 3767100.00 0.16951
364650.00 3767100.00 0.17029
364750.00 3767100.00 0.16712
364850.00 3767100.00 0.15888
364950.00 3767100.00 0.14645
365050.00 3767100.00 0.13288
365150.00 3767100.00 0.11909
365250.00 3767100.00 0.10657
365350.00 3767100.00 0.09531
365450.00 3767100.00 0.08542
365550.00 3767100.00 0.07672
365650.00 3767100.00 0.06932
363650.00 3767200.00 0.10889
363750.00 3767200.00 0.11910
363850.00 3767200.00 0.13027
363950.00 3767200.00 0.14258
364050.00 3767200.00 0.15567
364150.00 3767200.00 0.17042
364250.00 3767200.00 0.18412
364350.00 3767200.00 0.19709
364450.00 3767200.00 0.20706
364550.00 3767200.00 0.21320
364650.00 3767200.00 0.21526
364750.00 3767200.00 0.20952
364850.00 3767200.00 0.19717
364950.00 3767200.00 0.17910
365050.00 3767200.00 0.15915
365150.00 3767200.00 0.13991
365250.00 3767200.00 0.12297
365350.00 3767200.00 0.10829
365450.00 3767200.00 0.09558
365550.00 3767200.00 0.08483
365650.00 3767200.00 0.07583
363650.00 3767300.00 0.11976
363750.00 3767300.00 0.13314
363850.00 3767300.00 0.14886
363950.00 3767300.00 0.16617
364050.00 3767300.00 0.18549
364150.00 3767300.00 0.20646
364250.00 3767300.00 0.22847
364350.00 3767300.00 0.24858
364450.00 3767300.00 0.26590
364550.00 3767300.00 0.27786
364650.00 3767300.00 0.28057
364750.00 3767300.00 0.27332
364850.00 3767300.00 0.25260
364950.00 3767300.00 0.22403
365050.00 3767300.00 0.19405
365150.00 3767300.00 0.16650
365250.00 3767300.00 0.14319

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365350.00	3767300.00	0.12371	365450.00	3767300.00	0.10747
365550.00	3767300.00	0.09398	365650.00	3767300.00	0.08296
363650.00	3767400.00	0.13094	363750.00	3767400.00	0.14824
363850.00	3767400.00	0.16899	363950.00	3767400.00	0.19385
364050.00	3767400.00	0.22227	364150.00	3767400.00	0.25477
364250.00	3767400.00	0.28952	364350.00	3767400.00	0.32421
364450.00	3767400.00	0.35523	364550.00	3767400.00	0.37737
364650.00	3767400.00	0.38606	364750.00	3767400.00	0.37205
364850.00	3767400.00	0.33573	364950.00	3767400.00	0.28845
365050.00	3767400.00	0.24150	365150.00	3767400.00	0.20121
365250.00	3767400.00	0.16824	365350.00	3767400.00	0.14192
365450.00	3767400.00	0.12102	365550.00	3767400.00	0.10417
365650.00	3767400.00	0.09071	363650.00	3767500.00	0.14143

363750.00 3767500.00 0.16325
363850.00 3767500.00 0.19031
363950.00 3767500.00 0.22383
364050.00 3767500.00 0.26578
364150.00 3767500.00 0.31621
364250.00 3767500.00 0.37436
364350.00 3767500.00 0.43517
364450.00 3767500.00 0.49814
364550.00 3767500.00 0.54681
364650.00 3767500.00 0.56369
364750.00 3767500.00 0.53698
364850.00 3767500.00 0.46770
364950.00 3767500.00 0.38365
365050.00 3767500.00 0.30717
365150.00 3767500.00 0.24604
365250.00 3767500.00 0.19930
365350.00 3767500.00 0.16353
365450.00 3767500.00 0.13627
365550.00 3767500.00 0.11536
365650.00 3767500.00 0.09876
363650.00 3767600.00 0.15033
363750.00 3767600.00 0.17636
363850.00 3767600.00 0.20999
363950.00 3767600.00 0.25392
364050.00 3767600.00 0.31175
364150.00 3767600.00 0.38781
364250.00 3767600.00 0.48559
364350.00 3767600.00 0.60439
364450.00 3767600.00 0.74026
364550.00 3767600.00 0.85631
364650.00 3767600.00 0.90841
364750.00 3767600.00 0.84511
364850.00 3767600.00 0.69335
364950.00 3767600.00 0.53024
365050.00 3767600.00 0.40011
365150.00 3767600.00 0.30474
365250.00 3767600.00 0.23650
365350.00 3767600.00 0.18781
365450.00 3767600.00 0.15293
365550.00 3767600.00 0.12717
365650.00 3767600.00 0.10735
363650.00 3767700.00 0.15592
363750.00 3767700.00 0.18523
363850.00 3767700.00 0.23185
363950.00 3767700.00 0.27865
364050.00 3767700.00 0.35579
364150.00 3767700.00 0.46542
364250.00 3767700.00 0.62482
364350.00 3767700.00 0.85417
364450.00 3767700.00 1.16955
364550.00 3767700.00 1.51253
364650.00 3767700.00 1.70592
364750.00 3767700.00 1.52664
364850.00 3767700.00 1.11895

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364950.00	3767700.00	0.76590	365050.00	3767700.00	0.52754
365150.00	3767700.00	0.37741	365250.00	3767700.00	0.27937
365350.00	3767700.00	0.21526	365450.00	3767700.00	0.17101
365550.00	3767700.00	0.13962	365650.00	3767700.00	0.11641
363650.00	3767800.00	0.16886	363750.00	3767800.00	0.21148
363850.00	3767800.00	0.26494	363950.00	3767800.00	0.33708
364050.00	3767800.00	0.40878	364150.00	3767800.00	0.53043
364250.00	3767800.00	0.76796	364350.00	3767800.00	1.17510
364450.00	3767800.00	1.91802	364550.00	3767800.00	3.19615
364650.00	3767800.00	4.33264	364750.00	3767800.00	3.38829
364850.00	3767800.00	1.98572	364950.00	3767800.00	1.14269
365050.00	3767800.00	0.70210	365150.00	3767800.00	0.46662
365250.00	3767800.00	0.33090	365350.00	3767800.00	0.24653

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          365450.00    3767800.00         0.19207
365550.00    3767800.00         0.15443
          365650.00    3767800.00         0.12718
363650.00    3767900.00         0.15836
          363750.00    3767900.00         0.18267
363850.00    3767900.00         0.22881
          363950.00    3767900.00         0.31294
364050.00    3767900.00         0.42481
          364150.00    3767900.00         0.57193
364250.00    3767900.00         0.86214
          364350.00    3767900.00         1.44792
364450.00    3767900.00         2.86929
          364550.00    3767900.00         7.76273
364650.00    3767900.00        28.79912
          364750.00    3767900.00        10.86350
364850.00    3767900.00         4.06730
          364950.00    3767900.00         1.79472
365050.00    3767900.00         0.97133
          365150.00    3767900.00         0.60229
365250.00    3767900.00         0.40797
          365350.00    3767900.00         0.29570
365450.00    3767900.00         0.22497
          365550.00    3767900.00         0.17716
365650.00    3767900.00         0.14353
          363650.00    3768000.00         0.12997
363750.00    3768000.00         0.15053
          363850.00    3768000.00         0.19609
363950.00    3768000.00         0.27826
          364050.00    3768000.00         0.38350
364150.00    3768000.00         0.56690
          364250.00    3768000.00         0.84485
364350.00    3768000.00         1.47676
          364450.00    3768000.00         3.08965
364850.00    3768000.00        11.80324
          364950.00    3768000.00         3.76897
365050.00    3768000.00         1.72004
          365150.00    3768000.00         0.95444
365250.00    3768000.00         0.59612
          365350.00    3768000.00         0.40557
365450.00    3768000.00         0.29317
          365550.00    3768000.00         0.22190
365650.00    3768000.00         0.17410
          363650.00    3768100.00         0.11629
363750.00    3768100.00         0.14022
          363850.00    3768100.00         0.19594
363950.00    3768100.00         0.28015
          364050.00    3768100.00         0.36226
364150.00    3768100.00         0.49409
          364250.00    3768100.00         0.73283
364350.00    3768100.00         1.21424
          364450.00    3768100.00         2.32087
364550.00    3768100.00         5.13791
          364650.00    3768100.00        15.58632
364750.00    3768100.00        58.39376
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364850.00	3768100.00	25.39648	364950.00	3768100.00	8.33612
365050.00	3768100.00	3.43110	365150.00	3768100.00	1.76476
365250.00	3768100.00	1.01276	365350.00	3768100.00	0.63687
365450.00	3768100.00	0.43112	365550.00	3768100.00	0.30838
365650.00	3768100.00	0.23081	363650.00	3768200.00	0.12470
363750.00	3768200.00	0.15743	363850.00	3768200.00	0.18676
363950.00	3768200.00	0.23134	364050.00	3768200.00	0.30000
364150.00	3768200.00	0.40267	364250.00	3768200.00	0.57945
364350.00	3768200.00	0.89568	364450.00	3768200.00	1.43851
364550.00	3768200.00	2.27212	364650.00	3768200.00	3.89113
364750.00	3768200.00	8.17281	364850.00	3768200.00	11.65580
364950.00	3768200.00	8.23757	365050.00	3768200.00	4.57947
365150.00	3768200.00	2.55104	365250.00	3768200.00	1.54963

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          365350.00    3768200.00         0.96496
365450.00    3768200.00         0.63924
          365550.00    3768200.00         0.44360
365650.00    3768200.00         0.32051
          363650.00    3768300.00         0.11965
363750.00    3768300.00         0.13867
          363850.00    3768300.00         0.16445
363950.00    3768300.00         0.19908
          364050.00    3768300.00         0.24980
364150.00    3768300.00         0.32515
          364250.00    3768300.00         0.44193
364350.00    3768300.00         0.61300
          364450.00    3768300.00         0.83647
364550.00    3768300.00         1.11489
          364650.00    3768300.00         1.69789
364750.00    3768300.00         2.57936
          364850.00    3768300.00         4.11939
364950.00    3768300.00         4.59869
          365050.00    3768300.00         3.75872
365150.00    3768300.00         2.64939
          365250.00    3768300.00         1.84744
365350.00    3768300.00         1.22797
          365450.00    3768300.00         0.83336
365550.00    3768300.00         0.59343
          365650.00    3768300.00         0.43151
363650.00    3768400.00         0.10684
          363750.00    3768400.00         0.12208
363850.00    3768400.00         0.14163
          363950.00    3768400.00         0.16828
364050.00    3768400.00         0.20547
          364150.00    3768400.00         0.26022
364250.00    3768400.00         0.33984
          364350.00    3768400.00         0.42869
364450.00    3768400.00         0.52366
          364550.00    3768400.00         0.64313
364650.00    3768400.00         0.88594
          364750.00    3768400.00         1.19278
364850.00    3768400.00         1.79645
          364950.00    3768400.00         2.28694
365050.00    3768400.00         2.36695
          365150.00    3768400.00         2.10137
365250.00    3768400.00         1.70653
          365350.00    3768400.00         1.27507
365450.00    3768400.00         0.93364
          365550.00    3768400.00         0.68077
365650.00    3768400.00         0.53129
          363650.00    3768500.00         0.09362
363750.00    3768500.00         0.10555
          363850.00    3768500.00         0.12146
363950.00    3768500.00         0.14011
          364050.00    3768500.00         0.16967
364150.00    3768500.00         0.21216
          364250.00    3768500.00         0.25690
364350.00    3768500.00         0.29289
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364450.00	3768500.00	0.34134	364550.00	3768500.00	0.41868
364650.00	3768500.00	0.53390	364750.00	3768500.00	0.68393
364850.00	3768500.00	0.92651	364950.00	3768500.00	1.22790
365050.00	3768500.00	1.40785	365150.00	3768500.00	1.45254
365250.00	3768500.00	1.34219	365350.00	3768500.00	1.13775
365450.00	3768500.00	0.92549	365550.00	3768500.00	0.71672
365650.00	3768500.00	0.55406	363650.00	3768600.00	0.08148
363750.00	3768600.00	0.09138	363850.00	3768600.00	0.10166
363950.00	3768600.00	0.12075	364050.00	3768600.00	0.14240
364150.00	3768600.00	0.16925	364250.00	3768600.00	0.18534
364350.00	3768600.00	0.21044	364450.00	3768600.00	0.23742
364550.00	3768600.00	0.28170	364650.00	3768600.00	0.35620
364750.00	3768600.00	0.42888	364850.00	3768600.00	0.54944

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          364950.00    3768600.00         0.72119
365050.00    3768600.00         0.84862
          365150.00    3768600.00         0.96226
365250.00    3768600.00         0.96676
          365350.00    3768600.00         0.90851
365450.00    3768600.00         0.80505
          365550.00    3768600.00         0.68613
365650.00    3768600.00         0.56477
          363650.00    3768700.00         0.07131
363750.00    3768700.00         0.07982
          363850.00    3768700.00         0.08985
363950.00    3768700.00         0.10392
          364050.00    3768700.00         0.11948
364150.00    3768700.00         0.13546
          364250.00    3768700.00         0.14424
364350.00    3768700.00         0.15689
          364450.00    3768700.00         0.17649
364550.00    3768700.00         0.20802
          364650.00    3768700.00         0.25092
364750.00    3768700.00         0.28689
          364850.00    3768700.00         0.35092
364950.00    3768700.00         0.45287
          365050.00    3768700.00         0.54467
365150.00    3768700.00         0.63566
          365250.00    3768700.00         0.68438
365350.00    3768700.00         0.68329
          365450.00    3768700.00         0.65640
365550.00    3768700.00         0.59653
          365650.00    3768700.00         0.52841
363650.00    3768800.00         0.06300
          363750.00    3768800.00         0.07063
363850.00    3768800.00         0.08009
          363950.00    3768800.00         0.08885
364050.00    3768800.00         0.09705
          364150.00    3768800.00         0.10979
364250.00    3768800.00         0.11383
          364350.00    3768800.00         0.12243
364450.00    3768800.00         0.13458
          364550.00    3768800.00         0.15472
364650.00    3768800.00         0.18808
          364750.00    3768800.00         0.20762
364850.00    3768800.00         0.24622
          364950.00    3768800.00         0.30735
365050.00    3768800.00         0.36857
          365150.00    3768800.00         0.43633
365250.00    3768800.00         0.47897
          365350.00    3768800.00         0.50397
365450.00    3768800.00         0.50974
          365550.00    3768800.00         0.49535
365650.00    3768800.00         0.46268
          363650.00    3768900.00         0.05706
363750.00    3768900.00         0.06423
          363850.00    3768900.00         0.07008
363950.00    3768900.00         0.07522
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364050.00	3768900.00	0.08035	364150.00	3768900.00	0.08591
364250.00	3768900.00	0.09184	364350.00	3768900.00	0.09803
364450.00	3768900.00	0.10788	364550.00	3768900.00	0.12002
364650.00	3768900.00	0.14148	364750.00	3768900.00	0.16461
364850.00	3768900.00	0.18116	364950.00	3768900.00	0.22222
365050.00	3768900.00	0.26293	365150.00	3768900.00	0.31129
365250.00	3768900.00	0.34617	365350.00	3768900.00	0.37424
365450.00	3768900.00	0.39324	365550.00	3768900.00	0.39559
365650.00	3768900.00	0.38786	363650.00	3769000.00	0.05274
363750.00	3769000.00	0.05767	363850.00	3769000.00	0.06119
363950.00	3769000.00	0.06362	364050.00	3769000.00	0.06731
364150.00	3769000.00	0.07224	364250.00	3769000.00	0.07630
364350.00	3769000.00	0.08205	364450.00	3769000.00	0.08926

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          364550.00    3769000.00         0.09921
364650.00    3769000.00         0.11077
          364750.00    3769000.00         0.12468
364850.00    3769000.00         0.14125
          364950.00    3769000.00         0.16713
365050.00    3769000.00         0.19658
          365150.00    3769000.00         0.22798
365250.00    3769000.00         0.25695
          365350.00    3769000.00         0.28269
365450.00    3769000.00         0.30265
          365550.00    3769000.00         0.31430
365650.00    3769000.00         0.32023
          364450.00    3767750.00         1.49845
364475.00    3767750.00         1.64899
          364500.00    3767750.00         1.80911
364525.00    3767750.00         1.97652
          364550.00    3767750.00         2.14110
364575.00    3767750.00         2.28965
          364600.00    3767750.00         2.42716
364625.00    3767750.00         2.52725
          364650.00    3767750.00         2.56987
364675.00    3767750.00         2.55970
          364700.00    3767750.00         2.48702
364725.00    3767750.00         2.35977
          364750.00    3767750.00         2.19581
364775.00    3767750.00         2.01678
          364800.00    3767750.00         1.82647
364825.00    3767750.00         1.64458
          364850.00    3767750.00         1.47209
364875.00    3767750.00         1.31221
          364900.00    3767750.00         1.17024
364925.00    3767750.00         1.04367
          364950.00    3767750.00         0.93144
364450.00    3767775.00         1.69704
          364475.00    3767775.00         1.89668
364500.00    3767775.00         2.11912
          364525.00    3767775.00         2.35705
364550.00    3767775.00         2.59774
          364575.00    3767775.00         2.83359
364600.00    3767775.00         3.04663
          364625.00    3767775.00         3.19897
364650.00    3767775.00         3.28044
          364675.00    3767775.00         3.26133
364700.00    3767775.00         3.14234
          364725.00    3767775.00         2.94742
364750.00    3767775.00         2.70376
          364775.00    3767775.00         2.43780
364800.00    3767775.00         2.17589
          364825.00    3767775.00         1.92745
364850.00    3767775.00         1.70563
          364875.00    3767775.00         1.49975
364900.00    3767775.00         1.32230
          364925.00    3767775.00         1.16532
364950.00    3767775.00         1.03041
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364450.00	3767800.00	1.91802	364475.00	3767800.00	2.18468
364500.00	3767800.00	2.48960	364525.00	3767800.00	2.82826
364550.00	3767800.00	3.19615	364575.00	3767800.00	3.56645
364600.00	3767800.00	3.91329	364625.00	3767800.00	4.18697
364650.00	3767800.00	4.33264	364675.00	3767800.00	4.29607
364700.00	3767800.00	4.09833	364725.00	3767800.00	3.77636
364750.00	3767800.00	3.38829	364775.00	3767800.00	3.00313
364800.00	3767800.00	2.62872	364825.00	3767800.00	2.28982
364850.00	3767800.00	1.98572	364875.00	3767800.00	1.72504
364900.00	3767800.00	1.49850	364925.00	3767800.00	1.30459
364950.00	3767800.00	1.14269	364450.00	3767825.00	2.15981
364475.00	3767825.00	2.50840	364500.00	3767825.00	2.92408
364525.00	3767825.00	3.41557	364550.00	3767825.00	3.97908

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          364575.00    3767825.00         4.58925
364600.00    3767825.00         5.19968
          364625.00    3767825.00         5.70712
364650.00    3767825.00         5.99014
          364675.00    3767825.00         5.93943
364700.00    3767825.00         5.55219
          364725.00    3767825.00         4.96773
364750.00    3767825.00         4.35803
          364775.00    3767825.00         3.76548
364800.00    3767825.00         3.22400
          364825.00    3767825.00         2.74281
364850.00    3767825.00         2.33767
          364875.00    3767825.00         1.99313
364900.00    3767825.00         1.70347
          364925.00    3767825.00         1.46623
364950.00    3767825.00         1.26851
          364450.00    3767850.00         2.40997
364475.00    3767850.00         2.85770
          364500.00    3767850.00         3.41555
364525.00    3767850.00         4.12132
          364550.00    3767850.00         4.99466
364575.00    3767850.00         6.04109
          364600.00    3767850.00         7.18950
364625.00    3767850.00         8.24747
          364650.00    3767850.00         8.86553
364675.00    3767850.00         8.75514
          364700.00    3767850.00         7.89078
364725.00    3767850.00         6.80678
          364750.00    3767850.00         5.73579
364775.00    3767850.00         4.79908
          364800.00    3767850.00         4.00212
364825.00    3767850.00         3.33888
          364850.00    3767850.00         2.76675
364875.00    3767850.00         2.31380
          364900.00    3767850.00         1.94899
364925.00    3767850.00         1.65318
          364950.00    3767850.00         1.41132
364450.00    3767875.00         2.65359
          364475.00    3767875.00         3.21386
364500.00    3767875.00         3.95272
          364525.00    3767875.00         4.93978
364550.00    3767875.00         6.27546
          364575.00    3767875.00         8.08432
364600.00    3767875.00        10.35453
          364625.00    3767875.00        12.84657
364650.00    3767875.00        14.60319
          364675.00    3767875.00        14.15216
364700.00    3767875.00        12.05946
          364725.00    3767875.00         9.70371
364750.00    3767875.00         7.76454
          364775.00    3767875.00         6.24834
364800.00    3767875.00         5.06130
          364825.00    3767875.00         4.10415
364850.00    3767875.00         3.32685
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364875.00	3767875.00	2.71638	364900.00	3767875.00	2.24453
364925.00	3767875.00	1.87662	364950.00	3767875.00	1.58461
364450.00	3767900.00	2.86929	364475.00	3767900.00	3.53723
364500.00	3767900.00	4.47484	364525.00	3767900.00	5.79984
364550.00	3767900.00	7.76273	364575.00	3767900.00	10.73875
364600.00	3767900.00	15.40978	364625.00	3767900.00	22.36789
364650.00	3767900.00	28.79912	364700.00	3767900.00	19.97697
364725.00	3767900.00	14.40370	364750.00	3767900.00	10.86350
364775.00	3767900.00	8.43957	364800.00	3767900.00	6.59485
364825.00	3767900.00	5.16381	364850.00	3767900.00	4.06730
364875.00	3767900.00	3.24951	364900.00	3767900.00	2.62829
364925.00	3767900.00	2.15507	364950.00	3767900.00	1.79472
364450.00	3767925.00	3.03973	364475.00	3767925.00	3.80989

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         364500.00    3767925.00        4.89722
364525.00    3767925.00        6.50100
         364550.00    3767925.00        9.22059
364575.00    3767925.00       13.81432
         364600.00    3767925.00       22.57190
364625.00    3767925.00       40.73728
         364675.00    3767925.00       68.19515
364700.00    3767925.00       36.96011
         364750.00    3767925.00       16.34225
364775.00    3767925.00       12.24568
         364800.00    3767925.00        9.14534
364825.00    3767925.00        6.79408
         364850.00    3767925.00        5.13546
364875.00    3767925.00        3.97327
         364900.00    3767925.00        3.13697
364925.00    3767925.00        2.52952
         364950.00    3767925.00        2.07478
364450.00    3767950.00        3.14198
         364475.00    3767950.00        3.96968
364500.00    3767950.00        5.17039
         364525.00    3767950.00        7.00137
364550.00    3767950.00       10.08746
         364575.00    3767950.00       16.21936
364600.00    3767950.00       29.49989
         364775.00    3767950.00       19.31926
364800.00    3767950.00       13.36299
         364825.00    3767950.00        9.26456
364850.00    3767950.00        6.68393
         364875.00    3767950.00        4.97231
364900.00    3767950.00        3.83317
         364925.00    3767950.00        3.03375
364950.00    3767950.00        2.45539
         364450.00    3767975.00        3.15869
364475.00    3767975.00        4.00376
         364500.00    3767975.00        5.25104
364525.00    3767975.00        7.16445
         364550.00    3767975.00       10.34156
364575.00    3767975.00       16.95205
         364825.00    3767975.00       12.68509
364850.00    3767975.00        8.77827
         364875.00    3767975.00        6.36325
364900.00    3767975.00        4.82041
         364925.00    3767975.00        3.74910
364950.00    3767975.00        2.99490
         364450.00    3768000.00        3.08965
364475.00    3768000.00        3.89664
         364500.00    3768000.00        5.08190
364525.00    3768000.00        6.91488
         364800.00    3768000.00       28.83071
364825.00    3768000.00       17.56525
         364850.00    3768000.00       11.80324
364875.00    3768000.00        8.38161
         364900.00    3768000.00        6.23195
364925.00    3768000.00        4.77317
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364950.00	3768000.00	3.76897	364450.00	3768025.00	2.95968
364475.00	3768025.00	3.70154	364500.00	3768025.00	4.75982
364525.00	3768025.00	6.34545	364800.00	3768025.00	46.42829
364825.00	3768025.00	26.17878	364850.00	3768025.00	16.50040
364875.00	3768025.00	11.35145	364900.00	3768025.00	8.22462
364925.00	3768025.00	6.19617	364950.00	3768025.00	4.78014
364450.00	3768050.00	2.80752	364475.00	3768050.00	3.48225
364500.00	3768050.00	4.34860	364525.00	3768050.00	5.63785
364550.00	3768050.00	7.54010	364600.00	3768050.00	14.74094
364625.00	3768050.00	22.87772	364775.00	3768050.00	98.59601
364800.00	3768050.00	56.66104	364825.00	3768050.00	34.05236
364850.00	3768050.00	21.73647	364875.00	3768050.00	14.81235
364900.00	3768050.00	10.59508	364925.00	3768050.00	7.88385

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         364950.00    3768050.00        6.01150
364450.00    3768075.00        2.58906
         364475.00    3768075.00        3.19372
364500.00    3768075.00        3.85827
         364525.00    3768075.00        4.84681
364550.00    3768075.00        6.24226
         364575.00    3768075.00        8.26974
364625.00    3768075.00       16.07705
         364650.00    3768075.00       24.58074
364750.00    3768075.00      116.24075
         364775.00    3768075.00       84.30718
364800.00    3768075.00       55.78650
         364825.00    3768075.00       37.27560
364850.00    3768075.00       25.16731
         364875.00    3768075.00       17.60363
364900.00    3768075.00       12.76519
         364925.00    3768075.00        9.52559
364950.00    3768075.00        7.28638
         364450.00    3768100.00        2.32087
364475.00    3768100.00        2.79639
         364500.00    3768100.00        3.38428
364525.00    3768100.00        4.10025
         364550.00    3768100.00        5.13791
364575.00    3768100.00        6.31189
         364600.00    3768100.00        8.42654
364650.00    3768100.00       15.58632
         364675.00    3768100.00       21.65368
364725.00    3768100.00       47.15553
         364750.00    3768100.00       58.39376
364775.00    3768100.00       56.10353
         364800.00    3768100.00       45.90033
364825.00    3768100.00       34.54755
         364850.00    3768100.00       25.39648
364875.00    3768100.00       18.83460
         364900.00    3768100.00       14.06487
364925.00    3768100.00       10.73213
         364950.00    3768100.00        8.33612
364450.00    3768125.00        2.05288
         364475.00    3768125.00        2.45859
364500.00    3768125.00        2.93345
         364525.00    3768125.00        3.39734
364550.00    3768125.00        3.86149
         364575.00    3768125.00        4.72214
364600.00    3768125.00        6.24486
         364625.00    3768125.00        8.06794
364675.00    3768125.00       13.56261
         364700.00    3768125.00       18.17973
364725.00    3768125.00       24.57533
         364750.00    3768125.00       31.43795
364775.00    3768125.00       34.65236
         364800.00    3768125.00       32.89528
364825.00    3768125.00       28.23190
         364850.00    3768125.00       23.01768
364875.00    3768125.00       18.24952
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364900.00	3768125.00	14.23518	364925.00	3768125.00	11.28685
364950.00	3768125.00	8.99893	364450.00	3768150.00	1.84038
364475.00	3768150.00	2.11986	364500.00	3768150.00	2.51017
364525.00	3768150.00	2.91330	364550.00	3768150.00	3.34973
364575.00	3768150.00	3.79147	364600.00	3768150.00	4.81623
364625.00	3768150.00	5.89966	364650.00	3768150.00	7.32417
364700.00	3768150.00	11.43327	364725.00	3768150.00	14.64335
364750.00	3768150.00	18.60396	364775.00	3768150.00	21.60205
364800.00	3768150.00	22.59558	364825.00	3768150.00	21.49246
364850.00	3768150.00	19.11925	364875.00	3768150.00	16.30556
364900.00	3768150.00	13.56228	364925.00	3768150.00	11.17450
364950.00	3768150.00	9.17548	364450.00	3768175.00	1.62729
364475.00	3768175.00	1.85792	364500.00	3768175.00	2.14239

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         364525.00    3768175.00        2.45498
364550.00    3768175.00        2.81652
         364575.00    3768175.00        3.13764
364600.00    3768175.00        3.65300
         364625.00    3768175.00        4.36980
364650.00    3768175.00        5.07836
         364675.00    3768175.00        6.29851
364700.00    3768175.00        7.85675
         364725.00    3768175.00        9.67428
364750.00    3768175.00       11.90783
         364775.00    3768175.00       14.06932
364800.00    3768175.00       15.52499
         364825.00    3768175.00       15.81335
364850.00    3768175.00       15.10891
         364875.00    3768175.00       13.74875
364900.00    3768175.00       12.10792
         364925.00    3768175.00       10.42086
364950.00    3768175.00        8.89989
         364450.00    3768200.00        1.43851
364475.00    3768200.00        1.60748
         364500.00    3768200.00        1.83038
364525.00    3768200.00        2.03848
         364550.00    3768200.00        2.27212
364575.00    3768200.00        2.56588
         364600.00    3768200.00        2.89072
364625.00    3768200.00        3.31361
         364650.00    3768200.00        3.89113
364675.00    3768200.00        4.74643
         364700.00    3768200.00        5.67287
364725.00    3768200.00        6.81463
         364750.00    3768200.00        8.17281
364775.00    3768200.00        9.63975
         364800.00    3768200.00       10.84056
364825.00    3768200.00       11.59385
         364850.00    3768200.00       11.65580
364875.00    3768200.00       11.16996
         364900.00    3768200.00       10.36010
364925.00    3768200.00        9.32628
         364950.00    3768200.00        8.23757
364450.00    3768225.00        1.26721
         364475.00    3768225.00        1.39728
364500.00    3768225.00        1.56671
         364525.00    3768225.00        1.67062
364550.00    3768225.00        1.86250
         364575.00    3768225.00        2.08062
364600.00    3768225.00        2.34505
         364625.00    3768225.00        2.66539
364650.00    3768225.00        3.06776
         364675.00    3768225.00        3.67567
364700.00    3768225.00        4.28200
         364725.00    3768225.00        5.02301
364750.00    3768225.00        5.92215
         364775.00    3768225.00        6.88252
364800.00    3768225.00        7.80217
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364825.00	3768225.00	8.54894	364850.00	3768225.00	8.90886
364875.00	3768225.00	8.91634	364900.00	3768225.00	8.61898
364925.00	3768225.00	8.04689	364950.00	3768225.00	7.36719
364450.00	3768250.00	1.07507	364475.00	3768250.00	1.17821
364500.00	3768250.00	1.28974	364525.00	3768250.00	1.41199
364550.00	3768250.00	1.54523	364575.00	3768250.00	1.71098
364600.00	3768250.00	1.91404	364625.00	3768250.00	2.17558
364650.00	3768250.00	2.45450	364675.00	3768250.00	2.77826
364700.00	3768250.00	3.31983	364725.00	3768250.00	3.71126
364750.00	3768250.00	4.31535	364775.00	3768250.00	5.02644
364800.00	3768250.00	5.69862	364825.00	3768250.00	6.31269
364850.00	3768250.00	6.81429	364875.00	3768250.00	7.09366
364900.00	3768250.00	7.04327	364925.00	3768250.00	6.80958

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         364950.00    3768250.00        6.43085
364699.92    3767935.96       52.32316
         364607.94    3768036.31       19.56320
364622.21    3768048.74       21.99657
         364636.47    3768061.16       24.29315
364650.74    3768073.58       25.66652
         364665.00    3768086.01       25.19966
364679.27    3768098.43       23.82114
         364693.53    3768110.85       22.53288
364722.98    3768107.35       37.30739
         364734.19    3768091.56       67.64567
364745.41    3768075.77      117.36089
         364756.62    3768059.98      142.14710
364767.84    3768044.19      116.37822
         364779.05    3768028.40       85.51733
364790.27    3768012.61       48.02161
         364801.49    3767996.82       26.36547
364803.83    3767974.54       18.08842
         364780.53    3767951.89       18.44612
364764.89    3767940.82       18.50970
         364749.25    3767929.74       18.05448
364733.61    3767918.67       17.78065
         364717.98    3767907.59       18.03001
364702.34    3767896.51       18.00059
         364686.70    3767885.44       16.67020
364667.26    3767883.38       17.78536
         364642.52    3767904.38       31.30362
364629.69    3767918.35       38.59236
         364616.86    3767932.33       38.14738
364604.03    3767946.30       32.00094
         364591.20    3767960.27       24.53617
364578.37    3767974.25       18.26550
         364565.55    3767988.22       13.56563
364595.00    3768046.17       14.22185
         364621.08    3768021.23       31.37976
364706.67    3768095.77       40.80214
         364785.18    3767985.24       31.32215
364786.03    3767981.84       28.91923
         364784.61    3767979.29       28.57091
364675.14    3767901.76       28.65332
         364670.08    3767903.93       32.14701
364567.45    3768015.72       12.05560
         364567.69    3768021.74       11.59965
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
363650.00	3767000.00	18.94042	(14122608)	363750.00	3767000.00	19.33853	(14122608)
363850.00	3767000.00	21.28325	(15012608)	363950.00	3767000.00	23.59475	(15012608)
364050.00	3767000.00	24.75478	(15012608)	364150.00	3767000.00	26.60616	(16021608)
364250.00	3767000.00	27.05428	(16021608)	364350.00	3767000.00	30.09767	(14112708)
364450.00	3767000.00	31.37966	(14112708)	364550.00	3767000.00	28.95779	(14112708)
364650.00	3767000.00	27.80625	(16122708)	364750.00	3767000.00	25.14112	(16123008)
364850.00	3767000.00	25.63472	(16120208)	364950.00	3767000.00	25.43869	(16020108)
365050.00	3767000.00	27.07834	(16020108)	365150.00	3767000.00	26.40295	(16020108)
365250.00	3767000.00	23.43199	(16020108)	365350.00	3767000.00	19.30228	(16020108)
365450.00	3767000.00	15.05362	(16020108)	365550.00	3767000.00	12.52225	(16010808)
365650.00	3767000.00	13.22374	(15122508)	363650.00	3767100.00	20.48124	(14122608)
363750.00	3767100.00	21.89196	(14122608)	363850.00	3767100.00	22.36847	(14122608)
363950.00	3767100.00	25.18128	(15012608)	364050.00	3767100.00	27.98985	(15012608)

364150.00 3767100.00 29.22632 (16021608)
364250.00 3767100.00 31.68519 (16021608)
364350.00 3767100.00 33.58986 (14112708)
364450.00 3767100.00 36.71121 (14112708)
364550.00 3767100.00 34.69655 (14112708)
364650.00 3767100.00 32.26304 (16122708)
364750.00 3767100.00 29.59664 (16120208)
364850.00 3767100.00 29.63642 (16120208)
364950.00 3767100.00 30.62653 (16020108)
365050.00 3767100.00 31.67354 (16020108)
365150.00 3767100.00 29.05494 (16020108)
365250.00 3767100.00 24.49353 (16020108)
365350.00 3767100.00 19.15324 (16020108)
365450.00 3767100.00 14.67727 (16010808)
365550.00 3767100.00 15.43783 (15122508)
365650.00 3767100.00 15.90663 (15122508)
363650.00 3767200.00 21.87448 (16122908)
363750.00 3767200.00 23.67736 (14122608)
363850.00 3767200.00 25.66415 (14122608)
363950.00 3767200.00 26.77194 (14122608)
364050.00 3767200.00 30.63821 (15012608)
364150.00 3767200.00 34.02246 (15012608)
364250.00 3767200.00 36.21945 (16021608)
364350.00 3767200.00 37.73123 (16021608)
364450.00 3767200.00 43.23208 (14112708)
364550.00 3767200.00 42.24303 (14112708)
364650.00 3767200.00 38.64815 (16122708)
364750.00 3767200.00 35.06983 (16120208)
364850.00 3767200.00 34.48408 (16120208)
364950.00 3767200.00 37.47509 (16020108)
365050.00 3767200.00 36.60359 (16020108)
365150.00 3767200.00 31.55668 (16020108)
365250.00 3767200.00 24.91870 (16020108)
365350.00 3767200.00 18.32998 (16020108)
365450.00 3767200.00 18.44157 (15122508)
365550.00 3767200.00 18.79839 (15122508)
365650.00 3767200.00 18.49873 (15122508)
363650.00 3767300.00 23.51622 (16122908)
363750.00 3767300.00 25.67658 (16122908)
363850.00 3767300.00 28.22479 (14122608)
363950.00 3767300.00 31.29847 (14122608)
364050.00 3767300.00 33.21816 (15012608)
364150.00 3767300.00 39.13456 (15012608)
364250.00 3767300.00 42.37033 (15012608)
364350.00 3767300.00 45.71527 (16021608)
364450.00 3767300.00 50.69381 (14112708)
364550.00 3767300.00 52.65865 (14112708)
364650.00 3767300.00 46.34485 (16122708)
364750.00 3767300.00 43.28542 (16120208)
364850.00 3767300.00 42.53970 (16020108)
364950.00 3767300.00 45.83673 (16020108)
365050.00 3767300.00 41.76873 (16020108)
365150.00 3767300.00 33.31989 (16020108)
365250.00 3767300.00 24.35192 (16020108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365350.00	3767300.00	22.57430	(15122508)	365450.00	3767300.00	22.83514	(15122508)
365550.00	3767300.00	21.98832	(15122508)	365650.00	3767300.00	20.56891	(15122508)
363650.00	3767400.00	23.91781	(16122908)	363750.00	3767400.00	27.60911	(16122908)
363850.00	3767400.00	31.27338	(16122908)	363950.00	3767400.00	34.82692	(14122608)
364050.00	3767400.00	39.83883	(14122608)	364150.00	3767400.00	44.06853	(15012608)
364250.00	3767400.00	51.86353	(15012608)	364350.00	3767400.00	55.67570	(16021608)
364450.00	3767400.00	59.97595	(14112708)	364550.00	3767400.00	66.08729	(14112708)
364650.00	3767400.00	58.82160	(16122708)	364750.00	3767400.00	54.47678	(16120208)
364850.00	3767400.00	55.75365	(16020108)	364950.00	3767400.00	56.18599	(16020108)
365050.00	3767400.00	46.64715	(16020108)	365150.00	3767400.00	33.93374	(16020108)
365250.00	3767400.00	28.37462	(15122508)	365350.00	3767400.00	28.33662	(15122508)
365450.00	3767400.00	26.86101	(15122508)	365550.00	3767400.00	24.40163	(15122508)
365650.00	3767400.00	21.67653	(15122508)	363650.00	3767500.00	24.09558	(14123008)

363750.00 3767500.00 28.06302 (14123008)
363850.00 3767500.00 33.23432 (16122908)
363950.00 3767500.00 39.17803 (16122908)
364050.00 3767500.00 45.32388 (16122908)
364150.00 3767500.00 53.63049 (14122608)
364250.00 3767500.00 60.84185 (15012608)
364350.00 3767500.00 68.84001 (15012608)
364450.00 3767500.00 76.47878 (16021608)
364550.00 3767500.00 87.45116 (14112708)
364650.00 3767500.00 76.06954 (14112708)
364750.00 3767500.00 70.49126 (16120208)
364850.00 3767500.00 74.32795 (16020108)
364950.00 3767500.00 67.80020 (16020108)
365050.00 3767500.00 49.95635 (16020108)
365150.00 3767500.00 37.50564 (15122508)
365250.00 3767500.00 36.81063 (15122508)
365350.00 3767500.00 33.68935 (15122508)
365450.00 3767500.00 29.58337 (15122508)
365550.00 3767500.00 25.38551 (15122508)
365650.00 3767500.00 21.24774 (15122508)
363650.00 3767600.00 24.93485 (15010608)
363750.00 3767600.00 28.22277 (15010608)
363850.00 3767600.00 33.11959 (14123008)
363950.00 3767600.00 39.73241 (14123008)
364050.00 3767600.00 49.52135 (16122908)
364150.00 3767600.00 59.77380 (16122908)
364250.00 3767600.00 71.61271 (14122608)
364350.00 3767600.00 84.30170 (15012608)
364450.00 3767600.00 100.39988 (16021608)
364550.00 3767600.00 115.98830 (14112708)
364650.00 3767600.00 109.63305 (14112708)
364750.00 3767600.00 95.71262 (16120208)
364850.00 3767600.00 100.51996 (16020108)
364950.00 3767600.00 78.91439 (16020108)
365050.00 3767600.00 53.35858 (15122508)
365150.00 3767600.00 50.65628 (15122508)
365250.00 3767600.00 43.98359 (15122508)
365350.00 3767600.00 36.49223 (15122508)
365450.00 3767600.00 29.85838 (15122508)
365550.00 3767600.00 24.22514 (15122508)
365650.00 3767600.00 19.38610 (15122508)
363650.00 3767700.00 25.68102 (15011508)
363750.00 3767700.00 29.46379 (15011508)
363850.00 3767700.00 42.38413 (15011508)
363950.00 3767700.00 40.70087 (14123016)
364050.00 3767700.00 49.14982 (14123008)
364150.00 3767700.00 63.26048 (16122908)
364250.00 3767700.00 82.69026 (16122908)
364350.00 3767700.00 109.23917 (15122216)
364450.00 3767700.00 137.15776 (15012608)
364550.00 3767700.00 160.84846 (16021608)
364650.00 3767700.00 170.91103 (14112708)
364750.00 3767700.00 150.83641 (16020108)
364850.00 3767700.00 137.49116 (16020108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364950.00	3767700.00	85.83286	(16020108)	365050.00	3767700.00	74.20365	(15122508)
365150.00	3767700.00	60.72857	(15122508)	365250.00	3767700.00	46.46461	(15122508)
365350.00	3767700.00	35.54150	(15122508)	365450.00	3767700.00	27.09918	(15122508)
365550.00	3767700.00	20.87725	(15122508)	365650.00	3767700.00	17.80175	(15121408)
363650.00	3767800.00	52.63086	(12120308)	363750.00	3767800.00	73.83136	(14120908)
363850.00	3767800.00	93.84894	(12011608)	363950.00	3767800.00	95.15344	(15120208)
364050.00	3767800.00	76.74371	(15011508)	364150.00	3767800.00	70.02244	(14123016)
364250.00	3767800.00	91.09707	(14123016)	364350.00	3767800.00	121.80180	(16122908)
364450.00	3767800.00	207.82394	(15122216)	364550.00	3767800.00	260.39866	(15012608)
364650.00	3767800.00	308.22977	(14112708)	364750.00	3767800.00	252.57561	(16020108)
364850.00	3767800.00	167.86832	(16020108)	364950.00	3767800.00	124.28038	(15122508)
365050.00	3767800.00	89.04943	(15122508)	365150.00	3767800.00	61.35874	(15122508)
365250.00	3767800.00	42.39271	(15122508)	365350.00	3767800.00	30.85867	(15121408)

365450.00 3767800.00 26.46601 (15121408)
365550.00 3767800.00 22.94580 (15121408)
365650.00 3767800.00 19.99100 (15121408)
363650.00 3767900.00 78.05142 (16010608)
363750.00 3767900.00 97.44028 (12012308)
363850.00 3767900.00 110.84879 (14012308)
363950.00 3767900.00 111.47967 (14121108)
364050.00 3767900.00 121.47816 (12120308)
364150.00 3767900.00 92.48884 (12120308)
364250.00 3767900.00 87.15119 (15011508)
364350.00 3767900.00 134.51565 (14123016)
364450.00 3767900.00 254.67369 (14123016)
364550.00 3767900.00 516.87642 (15122216)
364650.00 3767900.00 869.12815 (12112008)
364750.00 3767900.00 447.97968 (12112008)
364850.00 3767900.00 252.17517 (15122508)
364950.00 3767900.00 159.17862 (16122716)
365050.00 3767900.00 89.43906 (16122716)
365150.00 3767900.00 57.11159 (15121408)
365250.00 3767900.00 43.27323 (15121408)
365350.00 3767900.00 34.54929 (15121408)
365450.00 3767900.00 28.54369 (15121408)
365550.00 3767900.00 23.94808 (15121408)
365650.00 3767900.00 20.41196 (15121408)
363650.00 3768000.00 97.78651 (12120508)
363750.00 3768000.00 111.53973 (12120508)
363850.00 3768000.00 121.24097 (12120508)
363950.00 3768000.00 114.38971 (12012308)
364050.00 3768000.00 125.25554 (14112408)
364150.00 3768000.00 76.76701 (14112408)
364250.00 3768000.00 119.11938 (14112408)
364350.00 3768000.00 144.97906 (14112408)
364450.00 3768000.00 230.66768 (14112408)
364850.00 3768000.00 432.85780 (16031116)
364950.00 3768000.00 179.26310 (16031116)
365050.00 3768000.00 96.76015 (16031116)
365150.00 3768000.00 60.27889 (16031116)
365250.00 3768000.00 42.16606 (15121408)
365350.00 3768000.00 32.95362 (15121408)
365450.00 3768000.00 26.73731 (15121408)
365550.00 3768000.00 22.26664 (15121408)
365650.00 3768000.00 18.89033 (15121408)
363650.00 3768100.00 98.26741 (12120608)
363750.00 3768100.00 111.55430 (12120608)
363850.00 3768100.00 95.67358 (12120608)
363950.00 3768100.00 48.45565 (14112408)
364050.00 3768100.00 69.16233 (16010508)
364150.00 3768100.00 96.66006 (16010508)
364250.00 3768100.00 131.50444 (12121208)
364350.00 3768100.00 171.42356 (12121208)
364450.00 3768100.00 269.77788 (12112916)
364550.00 3768100.00 481.92398 (12112916)
364650.00 3768100.00 851.03162 (12112916)
364750.00 3768100.00 1774.19604 (15122116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364850.00	3768100.00	570.51894	(12110816)	364950.00	3768100.00	250.19839	(12121716)
365050.00	3768100.00	158.81787	(12121716)	365150.00	3768100.00	93.18958	(12121716)
365250.00	3768100.00	58.32918	(12121716)	365350.00	3768100.00	38.53223	(12121716)
365450.00	3768100.00	26.52940	(16122916)	365550.00	3768100.00	20.65683	(16122916)
365650.00	3768100.00	16.38765	(16122916)	363650.00	3768200.00	79.23969	(12012508)
363750.00	3768200.00	55.35938	(16010508)	363850.00	3768200.00	72.63987	(14022508)
363950.00	3768200.00	84.10539	(12121208)	364050.00	3768200.00	106.96522	(12121208)
364150.00	3768200.00	135.12468	(15022008)	364250.00	3768200.00	160.26903	(15022008)
364350.00	3768200.00	159.26914	(12112916)	364450.00	3768200.00	194.63943	(15021708)
364550.00	3768200.00	298.13036	(15021708)	364650.00	3768200.00	424.85179	(12022708)
364750.00	3768200.00	504.80324	(15122116)	364850.00	3768200.00	247.41258	(15122116)
364950.00	3768200.00	240.97490	(12112816)	365050.00	3768200.00	122.82778	(12110816)
365150.00	3768200.00	81.56671	(12110816)	365250.00	3768200.00	65.69622	(12121716)

365350.00 3768200.00 53.69486 (12121716)
365450.00 3768200.00 41.50111 (12121716)
365550.00 3768200.00 31.80260 (12121716)
365650.00 3768200.00 24.31747 (12121716)
363650.00 3768300.00 55.69690 (12121208)
363750.00 3768300.00 67.66041 (12121208)
363850.00 3768300.00 81.52684 (15022008)
363950.00 3768300.00 99.23562 (15022008)
364050.00 3768300.00 115.03092 (15022008)
364150.00 3768300.00 124.65399 (15022008)
364250.00 3768300.00 120.67085 (15022008)
364350.00 3768300.00 170.67870 (15021708)
364450.00 3768300.00 209.88055 (14021808)
364550.00 3768300.00 207.37820 (14021808)
364650.00 3768300.00 286.23592 (12022708)
364750.00 3768300.00 182.94416 (12022708)
364850.00 3768300.00 258.44485 (15122116)
364950.00 3768300.00 207.27866 (14112108)
365050.00 3768300.00 150.03443 (14112108)
365150.00 3768300.00 87.47029 (12112816)
365250.00 3768300.00 52.22356 (14010316)
365350.00 3768300.00 42.42161 (14010316)
365450.00 3768300.00 34.07734 (12121716)
365550.00 3768300.00 31.28554 (12121716)
365650.00 3768300.00 27.10049 (12121716)
363650.00 3768400.00 68.00850 (16121308)
363750.00 3768400.00 78.55279 (16121308)
363850.00 3768400.00 86.62038 (16121308)
363950.00 3768400.00 90.11781 (15022008)
364050.00 3768400.00 90.57570 (12020808)
364150.00 3768400.00 95.86786 (15021708)
364250.00 3768400.00 128.98199 (15021708)
364350.00 3768400.00 148.90810 (14021808)
364450.00 3768400.00 159.68696 (14021808)
364550.00 3768400.00 154.37829 (12022708)
364650.00 3768400.00 215.10288 (12022708)
364750.00 3768400.00 131.07339 (12022708)
364850.00 3768400.00 173.88316 (15122116)
364950.00 3768400.00 156.09533 (14112108)
365050.00 3768400.00 164.76917 (14112108)
365150.00 3768400.00 115.36364 (14112108)
365250.00 3768400.00 62.03512 (12112816)
365350.00 3768400.00 39.27422 (12112816)
365450.00 3768400.00 33.63200 (14021708)
365550.00 3768400.00 29.49138 (14021708)
365650.00 3768400.00 20.16452 (14010316)
363650.00 3768500.00 70.69476 (16121308)
363750.00 3768500.00 73.88496 (12020808)
363850.00 3768500.00 78.89722 (12020808)
363950.00 3768500.00 81.35501 (12020808)
364050.00 3768500.00 83.89279 (12112608)
364150.00 3768500.00 104.48473 (15021708)
364250.00 3768500.00 116.21366 (14021808)
364350.00 3768500.00 130.75915 (14021808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364450.00	3768500.00	98.52251	(14021808)	364550.00	3768500.00	140.56436	(12022708)
364650.00	3768500.00	165.13711	(12022708)	364750.00	3768500.00	101.32818	(12022708)
364850.00	3768500.00	104.24642	(15122116)	364950.00	3768500.00	101.57120	(15122116)
365050.00	3768500.00	129.08910	(14112108)	365150.00	3768500.00	120.47095	(14112108)
365250.00	3768500.00	86.43174	(14112108)	365350.00	3768500.00	55.68200	(14112108)
365450.00	3768500.00	42.74072	(14021708)	365550.00	3768500.00	55.31171	(14021708)
365650.00	3768500.00	49.29151	(14021708)	363650.00	3768600.00	69.99873	(12020808)
363750.00	3768600.00	70.56923	(12020808)	363850.00	3768600.00	68.78023	(12020808)
363950.00	3768600.00	76.87302	(12112608)	364050.00	3768600.00	87.83300	(15021708)
364150.00	3768600.00	96.21138	(14021808)	364250.00	3768600.00	109.71243	(14021808)
364350.00	3768600.00	91.35942	(14021808)	364450.00	3768600.00	70.10045	(12022708)
364550.00	3768600.00	123.10112	(12022708)	364650.00	3768600.00	130.26200	(12022708)
364750.00	3768600.00	79.83370	(12022708)	364850.00	3768600.00	60.80617	(15122116)

364950.00 3768600.00 83.21972 (15122116)
365050.00 3768600.00 86.20545 (14112108)
365150.00 3768600.00 101.77229 (14112108)
365250.00 3768600.00 97.20208 (14112108)
365350.00 3768600.00 74.15474 (14112108)
365450.00 3768600.00 51.18504 (14021708)
365550.00 3768600.00 51.48761 (14021708)
365650.00 3768600.00 53.37953 (14021708)
363650.00 3768700.00 61.23064 (12020808)
363750.00 3768700.00 53.87733 (12112608)
363850.00 3768700.00 72.47305 (12112608)
363950.00 3768700.00 81.07030 (12112608)
364050.00 3768700.00 82.09790 (14021808)
364150.00 3768700.00 89.47863 (14021808)
364250.00 3768700.00 82.87637 (14021808)
364350.00 3768700.00 55.11708 (14021808)
364450.00 3768700.00 70.99077 (12022708)
364550.00 3768700.00 107.98678 (12022708)
364650.00 3768700.00 105.75912 (12022708)
364750.00 3768700.00 78.43532 (14010308)
364850.00 3768700.00 37.40881 (14010308)
364950.00 3768700.00 61.54601 (15122116)
365050.00 3768700.00 54.01410 (15122116)
365150.00 3768700.00 77.08902 (14112108)
365250.00 3768700.00 87.00343 (14112108)
365350.00 3768700.00 82.10319 (14112108)
365450.00 3768700.00 62.85145 (14112108)
365550.00 3768700.00 44.44178 (14021708)
365650.00 3768700.00 46.56040 (14021708)
363650.00 3768800.00 51.31111 (12112608)
363750.00 3768800.00 66.91508 (12112608)
363850.00 3768800.00 74.58245 (12112608)
363950.00 3768800.00 76.23600 (12021308)
364050.00 3768800.00 79.62925 (14021808)
364150.00 3768800.00 73.42497 (14021808)
364250.00 3768800.00 55.79353 (14021808)
364350.00 3768800.00 36.81202 (12022708)
364450.00 3768800.00 68.25494 (12022708)
364550.00 3768800.00 94.67179 (14010308)
364650.00 3768800.00 87.56381 (12022708)
364750.00 3768800.00 73.93222 (14010308)
364850.00 3768800.00 34.77849 (14010308)
364950.00 3768800.00 43.13601 (15122116)
365050.00 3768800.00 48.06553 (15122116)
365150.00 3768800.00 51.40442 (14112108)
365250.00 3768800.00 70.56323 (14112108)
365350.00 3768800.00 77.35934 (14112108)
365450.00 3768800.00 69.78576 (14112108)
365550.00 3768800.00 54.37390 (14112108)
365650.00 3768800.00 38.56938 (14112108)
363650.00 3768900.00 62.28772 (12112608)
363750.00 3768900.00 68.69071 (12112608)
363850.00 3768900.00 71.71605 (12021308)
363950.00 3768900.00 71.31337 (12021308)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364050.00	3768900.00	67.47905	(14021808)	364150.00	3768900.00	54.10877	(14021808)
364250.00	3768900.00	34.15111	(14021808)	364350.00	3768900.00	39.04896	(12022708)
364450.00	3768900.00	65.05331	(12022708)	364550.00	3768900.00	96.83963	(14010308)
364650.00	3768900.00	89.44477	(14010308)	364750.00	3768900.00	58.61352	(14010308)
364850.00	3768900.00	32.25849	(14010308)	364950.00	3768900.00	29.52174	(15122116)
365050.00	3768900.00	39.33548	(15122116)	365150.00	3768900.00	33.26937	(15122116)
365250.00	3768900.00	50.10952	(14112108)	365350.00	3768900.00	63.97185	(14112108)
365450.00	3768900.00	66.67302	(14112108)	365550.00	3768900.00	60.24947	(14112108)
365650.00	3768900.00	47.57149	(14112108)	363650.00	3769000.00	63.99142	(12112608)
363750.00	3769000.00	65.96594	(12021308)	363850.00	3769000.00	66.20454	(12021308)
363950.00	3769000.00	60.80758	(14021808)	364050.00	3769000.00	51.39868	(14021808)
364150.00	3769000.00	36.06903	(14021808)	364250.00	3769000.00	21.36767	(12022708)
364350.00	3769000.00	40.86113	(12022708)	364450.00	3769000.00	61.27310	(12022708)

364550.00 3769000.00 90.27211 (14010308)
364650.00 3769000.00 92.05847 (14010308)
364750.00 3769000.00 63.06674 (14010308)
364850.00 3769000.00 30.20039 (14010308)
364950.00 3769000.00 19.99000 (15122116)
365050.00 3769000.00 30.59289 (15122116)
365150.00 3769000.00 30.89588 (15122116)
365250.00 3769000.00 32.61678 (14112108)
365350.00 3769000.00 47.92111 (14112108)
365450.00 3769000.00 57.66515 (14112108)
365550.00 3769000.00 58.83445 (14112108)
365650.00 3769000.00 51.52508 (14112108)
364450.00 3767750.00 154.62361 (15122216)
364475.00 3767750.00 167.17271 (15012608)
364500.00 3767750.00 180.86352 (15012608)
364525.00 3767750.00 192.18259 (15012608)
364550.00 3767750.00 200.73836 (16021608)
364575.00 3767750.00 205.07703 (16021608)
364600.00 3767750.00 223.23495 (14112708)
364625.00 3767750.00 231.80077 (14112708)
364650.00 3767750.00 221.98701 (14112708)
364675.00 3767750.00 203.16262 (14112708)
364700.00 3767750.00 194.83578 (16122016)
364725.00 3767750.00 192.41928 (16122016)
364750.00 3767750.00 193.27393 (16020108)
364775.00 3767750.00 194.30346 (16020108)
364800.00 3767750.00 184.48042 (16020108)
364825.00 3767750.00 171.98962 (16020108)
364850.00 3767750.00 155.40044 (16020108)
364875.00 3767750.00 136.13267 (16020108)
364900.00 3767750.00 117.95048 (16020108)
364925.00 3767750.00 106.24660 (15122508)
364950.00 3767750.00 103.02510 (15122508)
364450.00 3767775.00 186.42816 (15122216)
364475.00 3767775.00 187.02537 (15122216)
364500.00 3767775.00 197.44334 (15012608)
364525.00 3767775.00 216.59577 (15012608)
364550.00 3767775.00 226.13115 (15012608)
364575.00 3767775.00 239.03503 (16021608)
364600.00 3767775.00 255.45254 (14112708)
364625.00 3767775.00 265.10361 (14112708)
364650.00 3767775.00 260.25363 (14112708)
364675.00 3767775.00 235.65956 (14112708)
364700.00 3767775.00 233.46193 (16122016)
364725.00 3767775.00 222.65171 (16122016)
364750.00 3767775.00 222.26690 (16020108)
364775.00 3767775.00 214.71082 (16020108)
364800.00 3767775.00 200.74614 (16020108)
364825.00 3767775.00 181.68654 (16020108)
364850.00 3767775.00 163.33453 (16020108)
364875.00 3767775.00 139.74621 (16020108)
364900.00 3767775.00 123.18075 (15122508)
364925.00 3767775.00 118.89850 (15122508)
364950.00 3767775.00 113.66501 (15122508)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364450.00	3767800.00	207.82394	(15122216)	364475.00	3767800.00	228.07505	(15122216)
364500.00	3767800.00	232.47251	(15122216)	364525.00	3767800.00	237.43933	(15012608)
364550.00	3767800.00	260.39866	(15012608)	364575.00	3767800.00	273.21653	(16021608)
364600.00	3767800.00	286.68191	(14112708)	364625.00	3767800.00	309.96789	(14112708)
364650.00	3767800.00	308.22977	(14112708)	364675.00	3767800.00	275.40513	(14112708)
364700.00	3767800.00	283.36629	(16122016)	364725.00	3767800.00	257.50775	(16122016)
364750.00	3767800.00	252.57561	(16020108)	364775.00	3767800.00	241.57722	(16020108)
364800.00	3767800.00	219.60787	(16020108)	364825.00	3767800.00	195.26728	(16020108)
364850.00	3767800.00	167.86832	(16020108)	364875.00	3767800.00	144.27918	(15122508)
364900.00	3767800.00	139.13969	(15122508)	364925.00	3767800.00	131.65600	(15122508)
364950.00	3767800.00	124.28038	(15122508)	364450.00	3767825.00	211.22348	(15122216)
364475.00	3767825.00	253.37439	(15122216)	364500.00	3767825.00	286.21343	(15122216)
364525.00	3767825.00	297.43022	(15122216)	364550.00	3767825.00	294.27878	(15012608)

364575.00 3767825.00 318.79744 (15012608)
364600.00 3767825.00 339.91337 (16021608)
364625.00 3767825.00 364.74315 (14112708)
364650.00 3767825.00 368.79668 (14112708)
364675.00 3767825.00 347.76080 (16122016)
364700.00 3767825.00 346.78029 (16122016)
364725.00 3767825.00 299.05179 (16020108)
364750.00 3767825.00 292.39856 (16020108)
364775.00 3767825.00 271.03368 (16020108)
364800.00 3767825.00 241.27160 (16020108)
364825.00 3767825.00 206.17827 (16020108)
364850.00 3767825.00 174.75544 (16020108)
364875.00 3767825.00 165.02487 (15122508)
364900.00 3767825.00 154.72304 (15122508)
364925.00 3767825.00 144.54234 (15122508)
364950.00 3767825.00 133.10958 (15122508)
364450.00 3767850.00 198.71469 (16122908)
364475.00 3767850.00 250.84515 (15122216)
364500.00 3767850.00 313.77880 (15122216)
364525.00 3767850.00 369.91145 (15122216)
364550.00 3767850.00 396.04835 (15122216)
364575.00 3767850.00 375.83807 (15012608)
364600.00 3767850.00 407.98244 (16021608)
364625.00 3767850.00 440.02609 (14112708)
364650.00 3767850.00 453.85673 (14112708)
364675.00 3767850.00 468.96274 (16122016)
364700.00 3767850.00 422.43548 (16122016)
364725.00 3767850.00 358.80885 (16020108)
364750.00 3767850.00 331.65091 (16020108)
364775.00 3767850.00 297.18896 (16020108)
364800.00 3767850.00 259.56477 (16020108)
364825.00 3767850.00 223.15597 (16020108)
364850.00 3767850.00 197.84788 (15122508)
364875.00 3767850.00 184.68544 (15122508)
364900.00 3767850.00 170.52549 (15122508)
364925.00 3767850.00 155.20350 (15122508)
364950.00 3767850.00 138.98845 (15122508)
364450.00 3767875.00 231.03270 (14123016)
364475.00 3767875.00 251.03627 (14123016)
364500.00 3767875.00 300.07817 (15122216)
364525.00 3767875.00 398.90502 (15122216)
364550.00 3767875.00 497.90836 (15122216)
364575.00 3767875.00 561.43813 (15122216)
364600.00 3767875.00 516.21892 (15122216)
364625.00 3767875.00 600.45548 (16122616)
364650.00 3767875.00 584.07843 (14112708)
364675.00 3767875.00 653.00579 (16122016)
364700.00 3767875.00 505.07153 (16122016)
364725.00 3767875.00 426.60835 (12100508)
364750.00 3767875.00 371.66892 (16020108)
364775.00 3767875.00 322.87333 (16020108)
364800.00 3767875.00 279.18666 (16020108)
364825.00 3767875.00 250.13723 (15122508)
364850.00 3767875.00 228.11686 (15122508)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364875.00	3767875.00	204.21600	(15122508)	364900.00	3767875.00	182.43225	(15122508)
364925.00	3767875.00	162.51917	(15122508)	364950.00	3767875.00	143.94886	(16122716)
364450.00	3767900.00	254.67369	(14123016)	364475.00	3767900.00	299.09825	(14123016)
364500.00	3767900.00	340.36483	(14123016)	364525.00	3767900.00	388.51724	(14123016)
364550.00	3767900.00	516.87642	(15122216)	364575.00	3767900.00	694.96617	(15122216)
364600.00	3767900.00	845.57474	(15122216)	364625.00	3767900.00	825.10977	(15122216)
364650.00	3767900.00	869.12815	(12112008)	364700.00	3767900.00	729.84508	(12100508)
364725.00	3767900.00	551.02547	(12112008)	364750.00	3767900.00	447.97968	(12112008)
364775.00	3767900.00	371.01832	(12112008)	364800.00	3767900.00	310.07783	(15122508)
364825.00	3767900.00	283.90489	(15122508)	364850.00	3767900.00	252.17517	(15122508)
364875.00	3767900.00	222.38169	(15122508)	364900.00	3767900.00	197.73813	(16122716)
364925.00	3767900.00	179.15780	(16122716)	364950.00	3767900.00	159.17862	(16122716)
364450.00	3767925.00	240.66532	(14123016)	364475.00	3767925.00	294.56780	(14123016)

364500.00 3767925.00 365.05230 (14123016)
364525.00 3767925.00 457.71910 (14123016)
364550.00 3767925.00 554.92599 (14123016)
364575.00 3767925.00 685.22475 (14123016)
364600.00 3767925.00 992.12353 (15122216)
364625.00 3767925.00 1242.15716 (15122216)
364675.00 3767925.00 1922.44855 (12112808)
364700.00 3767925.00 1112.76569 (12112008)
364750.00 3767925.00 580.21148 (12112008)
364775.00 3767925.00 467.00620 (12112008)
364800.00 3767925.00 376.41415 (12112008)
364825.00 3767925.00 322.28022 (15122508)
364850.00 3767925.00 280.73961 (16122716)
364875.00 3767925.00 258.88056 (16122716)
364900.00 3767925.00 228.15948 (16122716)
364925.00 3767925.00 195.94044 (16122716)
364950.00 3767925.00 165.51123 (16122716)
364450.00 3767950.00 210.79623 (14112408)
364475.00 3767950.00 248.99585 (14123016)
364500.00 3767950.00 318.04045 (14123016)
364525.00 3767950.00 413.94530 (14123016)
364550.00 3767950.00 547.74920 (14123016)
364575.00 3767950.00 720.66837 (14123016)
364600.00 3767950.00 921.91517 (14123016)
364775.00 3767950.00 601.86501 (12112008)
364800.00 3767950.00 463.44469 (12112008)
364825.00 3767950.00 397.79825 (16122716)
364850.00 3767950.00 359.66340 (16122716)
364875.00 3767950.00 300.15687 (16122716)
364900.00 3767950.00 244.37456 (16122716)
364925.00 3767950.00 196.52611 (16122716)
364950.00 3767950.00 157.73719 (16122716)
364450.00 3767975.00 227.13174 (14112408)
364475.00 3767975.00 262.40591 (14112408)
364500.00 3767975.00 307.85013 (14112408)
364525.00 3767975.00 368.79413 (14112408)
364550.00 3767975.00 472.05713 (14100908)
364575.00 3767975.00 625.71483 (12112916)
364825.00 3767975.00 550.84284 (16122716)
364850.00 3767975.00 418.13810 (16122716)
364875.00 3767975.00 308.92902 (16122716)
364900.00 3767975.00 234.83066 (16031116)
364925.00 3767975.00 197.32538 (16031116)
364950.00 3767975.00 167.59597 (16031116)
364450.00 3768000.00 230.66768 (14112408)
364475.00 3768000.00 265.59485 (14112408)
364500.00 3768000.00 310.40542 (14112408)
364525.00 3768000.00 367.98952 (14112408)
364800.00 3768000.00 924.34630 (16122716)
364825.00 3768000.00 575.18697 (16031116)
364850.00 3768000.00 432.85780 (16031116)
364875.00 3768000.00 334.31841 (16031116)
364900.00 3768000.00 266.20478 (16031116)
364925.00 3768000.00 216.34566 (16031116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364950.00	3768000.00	179.26310	(16031116)	364450.00	3768025.00	221.73568	(14112408)
364475.00	3768025.00	252.70814	(14112408)	364500.00	3768025.00	328.31042	(12112916)
364525.00	3768025.00	449.90726	(12112916)	364800.00	3768025.00	960.44673	(12110816)
364825.00	3768025.00	639.35930	(16031116)	364850.00	3768025.00	451.91866	(16031116)
364875.00	3768025.00	338.34131	(16031116)	364900.00	3768025.00	263.64228	(16031116)
364925.00	3768025.00	211.57390	(16031116)	364950.00	3768025.00	173.76207	(12122516)
364450.00	3768050.00	221.75658	(12112916)	364475.00	3768050.00	285.00583	(12112916)
364500.00	3768050.00	365.98172	(12112916)	364525.00	3768050.00	447.45875	(12112916)
364550.00	3768050.00	515.24386	(12112916)	364600.00	3768050.00	613.78594	(12112916)
364625.00	3768050.00	939.91576	(12112916)	364775.00	3768050.00	1870.99385	(12110816)
364800.00	3768050.00	1255.97286	(12110816)	364825.00	3768050.00	828.98181	(12110816)
364850.00	3768050.00	578.78874	(12121716)	364875.00	3768050.00	439.62567	(12121716)
364900.00	3768050.00	343.26565	(12121716)	364925.00	3768050.00	277.56069	(12121716)

364950.00 3768050.00 229.59779 (12121716)
364450.00 3768075.00 255.57844 (12112916)
364475.00 3768075.00 303.66421 (12112916)
364500.00 3768075.00 366.50512 (12112916)
364525.00 3768075.00 420.15866 (12112916)
364550.00 3768075.00 476.66893 (12112916)
364575.00 3768075.00 571.62239 (12112916)
364625.00 3768075.00 1100.12864 (12112916)
364650.00 3768075.00 1528.24113 (12112916)
364750.00 3768075.00 2075.98008 (15122116)
364775.00 3768075.00 1580.99477 (12112816)
364800.00 3768075.00 1138.57992 (12110816)
364825.00 3768075.00 864.19968 (12110816)
364850.00 3768075.00 631.82807 (12110816)
364875.00 3768075.00 466.54568 (12110816)
364900.00 3768075.00 373.34721 (12121716)
364925.00 3768075.00 310.06924 (12121716)
364950.00 3768075.00 260.87170 (12121716)
364450.00 3768100.00 269.77788 (12112916)
364475.00 3768100.00 312.95378 (12112916)
364500.00 3768100.00 358.17174 (12112916)
364525.00 3768100.00 409.60172 (12112916)
364550.00 3768100.00 481.92398 (12112916)
364575.00 3768100.00 597.79020 (12112916)
364600.00 3768100.00 742.95667 (12112916)
364650.00 3768100.00 851.03162 (12112916)
364675.00 3768100.00 757.75954 (15050608)
364725.00 3768100.00 1572.32154 (15122116)
364750.00 3768100.00 1774.19604 (15122116)
364775.00 3768100.00 1025.64456 (15122116)
364800.00 3768100.00 988.01251 (12112816)
364825.00 3768100.00 775.04528 (12112816)
364850.00 3768100.00 570.51894 (12110816)
364875.00 3768100.00 464.13906 (12110816)
364900.00 3768100.00 368.44365 (12110816)
364925.00 3768100.00 296.10016 (12110816)
364950.00 3768100.00 250.19839 (12121716)
364450.00 3768125.00 270.14499 (12112916)
364475.00 3768125.00 304.41506 (12112916)
364500.00 3768125.00 342.01319 (12112916)
364525.00 3768125.00 389.62299 (12112916)
364550.00 3768125.00 449.18309 (12112916)
364575.00 3768125.00 506.68128 (12112916)
364600.00 3768125.00 529.61787 (12112916)
364625.00 3768125.00 478.14133 (12112916)
364675.00 3768125.00 563.59131 (12022708)
364700.00 3768125.00 601.20775 (12022708)
364725.00 3768125.00 1007.23946 (15122116)
364750.00 3768125.00 1300.49775 (15122116)
364775.00 3768125.00 1017.73097 (15122116)
364800.00 3768125.00 619.97051 (12112816)
364825.00 3768125.00 645.55207 (12112816)
364850.00 3768125.00 566.80987 (12112816)
364875.00 3768125.00 447.76872 (12112816)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364900.00	3768125.00	336.06492	(12110816)	364925.00	3768125.00	287.68164	(12110816)
364950.00	3768125.00	244.36640	(12110816)	364450.00	3768150.00	257.22941	(12112916)
364475.00	3768150.00	282.29059	(12112916)	364500.00	3768150.00	307.14094	(12112916)
364525.00	3768150.00	332.84687	(12112916)	364550.00	3768150.00	351.69620	(12112916)
364575.00	3768150.00	437.78641	(14021808)	364600.00	3768150.00	314.68220	(15021708)
364625.00	3768150.00	392.81096	(12022708)	364650.00	3768150.00	441.90388	(12022708)
364700.00	3768150.00	473.83871	(12022708)	364725.00	3768150.00	671.38247	(15122116)
364750.00	3768150.00	936.73524	(15122116)	364775.00	3768150.00	888.64852	(15122116)
364800.00	3768150.00	605.70560	(15122116)	364825.00	3768150.00	424.07582	(12112816)
364850.00	3768150.00	458.89644	(12112816)	364875.00	3768150.00	424.06381	(12112816)
364900.00	3768150.00	357.20307	(12112816)	364925.00	3768150.00	285.30468	(12112816)
364950.00	3768150.00	226.51300	(12110816)	364450.00	3768175.00	231.04059	(12112916)
364475.00	3768175.00	243.99807	(12112916)	364500.00	3768175.00	252.25176	(12112916)

364525.00 3768175.00 252.78949 (12112916)
364550.00 3768175.00 261.25305 (15021708)
364575.00 3768175.00 376.40059 (14021808)
364600.00 3768175.00 388.34912 (14021808)
364625.00 3768175.00 373.28615 (12022708)
364650.00 3768175.00 464.97103 (12022708)
364675.00 3768175.00 430.36776 (12022708)
364700.00 3768175.00 385.57132 (12022708)
364725.00 3768175.00 468.02436 (15122116)
364750.00 3768175.00 682.34279 (15122116)
364775.00 3768175.00 731.45961 (15122116)
364800.00 3768175.00 588.04572 (15122116)
364825.00 3768175.00 378.42155 (15122116)
364850.00 3768175.00 309.57628 (12112816)
364875.00 3768175.00 340.71383 (12112816)
364900.00 3768175.00 328.67703 (12112816)
364925.00 3768175.00 288.24407 (12112816)
364950.00 3768175.00 244.29429 (12112816)
364450.00 3768200.00 194.63943 (15021708)
364475.00 3768200.00 216.51657 (15021708)
364500.00 3768200.00 223.99952 (15021708)
364525.00 3768200.00 242.87099 (15021708)
364550.00 3768200.00 298.13036 (15021708)
364575.00 3768200.00 330.38979 (14021808)
364600.00 3768200.00 344.38305 (14021808)
364625.00 3768200.00 360.36145 (12022708)
364650.00 3768200.00 424.85179 (12022708)
364675.00 3768200.00 363.04322 (12022708)
364700.00 3768200.00 327.71057 (12022708)
364725.00 3768200.00 337.68914 (15122116)
364750.00 3768200.00 504.80324 (15122116)
364775.00 3768200.00 587.22071 (15122116)
364800.00 3768200.00 535.20014 (15122116)
364825.00 3768200.00 394.47348 (15122116)
364850.00 3768200.00 247.41258 (15122116)
364875.00 3768200.00 236.30530 (12112816)
364900.00 3768200.00 259.86850 (12112816)
364925.00 3768200.00 258.26176 (12112816)
364950.00 3768200.00 240.97490 (12112816)
364450.00 3768225.00 189.26627 (15021708)
364475.00 3768225.00 204.76997 (15021708)
364500.00 3768225.00 206.30327 (15021708)
364525.00 3768225.00 293.98406 (14021808)
364550.00 3768225.00 305.00139 (14021808)
364575.00 3768225.00 303.45648 (14021808)
364600.00 3768225.00 284.58210 (14021808)
364625.00 3768225.00 341.45147 (12022708)
364650.00 3768225.00 385.25622 (12022708)
364675.00 3768225.00 313.64487 (12022708)
364700.00 3768225.00 280.00568 (12022708)
364725.00 3768225.00 249.63175 (15122116)
364750.00 3768225.00 380.09540 (15122116)
364775.00 3768225.00 468.51191 (15122116)
364800.00 3768225.00 467.50081 (15122116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364825.00	3768225.00	384.75215	(15122116)	364850.00	3768225.00	270.70388	(15122116)
364875.00	3768225.00	193.31545	(15120916)	364900.00	3768225.00	186.08344	(12112816)
364925.00	3768225.00	208.06757	(12112816)	364950.00	3768225.00	212.02951	(12112816)
364450.00	3768250.00	232.07819	(15021708)	364475.00	3768250.00	249.68330	(15021708)
364500.00	3768250.00	261.35830	(14021808)	364525.00	3768250.00	273.55524	(14021808)
364550.00	3768250.00	275.70412	(14021808)	364575.00	3768250.00	261.87799	(14021808)
364600.00	3768250.00	267.43171	(12022708)	364625.00	3768250.00	320.19398	(12022708)
364650.00	3768250.00	356.92951	(12022708)	364675.00	3768250.00	368.29238	(12022708)
364700.00	3768250.00	249.49248	(12022708)	364725.00	3768250.00	286.21153	(12022708)
364750.00	3768250.00	290.36302	(15122116)	364775.00	3768250.00	373.36190	(15122116)
364800.00	3768250.00	399.24998	(15122116)	364825.00	3768250.00	359.26645	(15122116)
364850.00	3768250.00	277.94758	(15122116)	364875.00	3768250.00	190.78142	(15122116)
364900.00	3768250.00	155.11071	(13112016)	364925.00	3768250.00	153.21967	(16011916)

364950.00 3768250.00 168.80651 (12112816)
364699.92 3767935.96 1377.29670 (12112008)
364607.94 3768036.31 671.37897 (12112008)
364622.21 3768048.74 874.16792 (12112916)
364636.47 3768061.16 1268.64274 (12112916)
364650.74 3768073.58 1564.57466 (12112916)
364665.00 3768086.01 1235.42715 (12112916)
364679.27 3768098.43 805.74692 (15050608)
364693.53 3768110.85 716.29217 (12052408)
364722.98 3768107.35 1324.06964 (15122116)
364734.19 3768091.56 2085.52524 (15122116)
364745.41 3768075.77 2393.64816 (15122116)
364756.62 3768059.98 2365.19203 (12110816)
364767.84 3768044.19 2036.01159 (12110816)
364779.05 3768028.40 1502.07225 (12110816)
364790.27 3768012.61 1095.80997 (16031116)
364801.49 3767996.82 892.74017 (16122716)
364803.83 3767974.54 639.90128 (16122716)
364780.53 3767951.89 580.42152 (12112008)
364764.89 3767940.82 598.47197 (12112008)
364749.25 3767929.74 613.61286 (12112008)
364733.61 3767918.67 633.48515 (12112008)
364717.98 3767907.59 651.01463 (12112008)
364702.34 3767896.51 677.17614 (12100508)
364686.70 3767885.44 666.69198 (16122016)
364667.26 3767883.38 746.16402 (16122016)
364642.52 3767904.38 984.61604 (16122616)
364629.69 3767918.35 1259.75580 (15122216)
364616.86 3767932.33 1206.19928 (15122216)
364604.03 3767946.30 999.83938 (15122216)
364591.20 3767960.27 850.90815 (14123016)
364578.37 3767974.25 666.53728 (12112916)
364565.55 3767988.22 654.52193 (12112916)
364595.00 3768046.17 570.58345 (12112916)
364621.08 3768021.23 953.33346 (12112008)
364706.67 3768095.77 1143.02068 (15122116)
364785.18 3767985.24 877.48414 (16122716)
364786.03 3767981.84 785.90671 (16122716)
364784.61 3767979.29 778.10449 (12112008)
364675.14 3767901.76 953.27681 (16122016)
364670.08 3767903.93 1050.34061 (16122016)
364567.45 3768015.72 743.74763 (12112916)
364567.69 3768021.74 708.64805 (12112916)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC				RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	142.14710	AT	(364756.62, 3768059.98, 74.92, 74.92, 0.00)	DC		
	2ND HIGHEST VALUE IS	117.36089	AT	(364745.41, 3768075.77, 75.34, 75.34, 0.00)	DC		
	3RD HIGHEST VALUE IS	116.37822	AT	(364767.84, 3768044.19, 74.65, 74.65, 0.00)	DC		
	4TH HIGHEST VALUE IS	116.24075	AT	(364750.00, 3768075.00, 75.45, 75.45, 0.00)	DC		
	5TH HIGHEST VALUE IS	98.59601	AT	(364775.00, 3768050.00, 75.30, 75.30, 0.00)	DC		
	6TH HIGHEST VALUE IS	85.51733	AT	(364779.05, 3768028.40, 74.62, 75.45, 0.00)	DC		
	7TH HIGHEST VALUE IS	84.30718	AT	(364775.00, 3768075.00, 76.17, 76.17, 0.00)	DC		
	8TH HIGHEST VALUE IS	68.19515	AT	(364675.00, 3767925.00, 72.05, 75.92, 0.00)	DC		
	9TH HIGHEST VALUE IS	67.64567	AT	(364734.19, 3768091.56, 75.86, 75.86, 0.00)	DC		
	10TH HIGHEST VALUE IS	58.39376	AT	(364750.00, 3768100.00, 76.14, 76.14, 0.00)	DC		

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	2393.64816	ON 15122116: AT (364745.41, 3768075.77, 75.34, 75.34, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   799 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   455 Calm Hours Identified

 A Total of   344 Missing Hours Identified (0.78 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186   2249   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used   0.50
 ME W187   2249   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
    ****

HARP2 - HRACalc (dated 19044) 2/25/2020 9:07:21 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_CancerRisk.csv
Cancer risk total by receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_NCChronicRisk.csv
Chronic risk total by receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_NCAcuteRisk.csv
Acute risk total by receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_NCAcuteRiskSumByRec.csv
HRA ran successfully

*HARP - HRACalc v19044 2/25/2020 9:07:21 AM - Cancer Risk - Input File: C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		363650	3767000	3.43E-08	1YrCancerR	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		363750	3767000	3.65E-08	1YrCancerR	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		363850	3767000	3.89E-08	1YrCancerR	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		363950	3767000	4.15E-08	1YrCancerR	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		364050	3767000	4.43E-08	1YrCancerR	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		364150	3767000	4.69E-08	1YrCancerR	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		364250	3767000	4.92E-08	1YrCancerR	4.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		364350	3767000	5.12E-08	1YrCancerR	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		364450	3767000	5.25E-08	1YrCancerR	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		364550	3767000	5.34E-08	1YrCancerR	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		364650	3767000	5.37E-08	1YrCancerR	5.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		364750	3767000	5.27E-08	1YrCancerR	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		364850	3767000	5.05E-08	1YrCancerR	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		364950	3767000	4.73E-08	1YrCancerR	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		365050	3767000	4.34E-08	1YrCancerR	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		365150	3767000	3.96E-08	1YrCancerR	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		365250	3767000	3.60E-08	1YrCancerR	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		365350	3767000	3.26E-08	1YrCancerR	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		365450	3767000	2.96E-08	1YrCancerR	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		365550	3767000	2.69E-08	1YrCancerR	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		365650	3767000	2.45E-08	1YrCancerR	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		363650	3767100	3.80E-08	1YrCancerR	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		363750	3767100	4.10E-08	1YrCancerR	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		363850	3767100	4.40E-08	1YrCancerR	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		363950	3767100	4.75E-08	1YrCancerR	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		364050	3767100	5.13E-08	1YrCancerR	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		364150	3767100	5.51E-08	1YrCancerR	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		364250	3767100	5.87E-08	1YrCancerR	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		364350	3767100	6.17E-08	1YrCancerR	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		364450	3767100	6.40E-08	1YrCancerR	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		364550	3767100	6.54E-08	1YrCancerR	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		364650	3767100	6.57E-08	1YrCancerR	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		364750	3767100	6.45E-08	1YrCancerR	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		364850	3767100	6.13E-08	1YrCancerR	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		364950	3767100	5.65E-08	1YrCancerR	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		365050	3767100	5.13E-08	1YrCancerR	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		365150	3767100	4.59E-08	1YrCancerR	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		365250	3767100	4.11E-08	1YrCancerR	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		365350	3767100	3.68E-08	1YrCancerR	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		365450	3767100	3.30E-08	1YrCancerR	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		365550	3767100	2.96E-08	1YrCancerR	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		365650	3767100	2.67E-08	1YrCancerR	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		363650	3767200	4.20E-08	1YrCancerR	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		363750	3767200	4.59E-08	1YrCancerR	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		363850	3767200	5.03E-08	1YrCancerR	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		363950	3767200	5.50E-08	1YrCancerR	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		364050	3767200	6.00E-08	1YrCancerR	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		364150	3767200	6.57E-08	1YrCancerR	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		364250	3767200	7.10E-08	1YrCancerR	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		364350	3767200	7.60E-08	1YrCancerR	7.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		364450	3767200	7.99E-08	1YrCancerR	7.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		364550	3767200	8.22E-08	1YrCancerR	8.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		364650	3767200	8.30E-08	1YrCancerR	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		364750	3767200	8.08E-08	1YrCancerR	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		364850	3767200	7.61E-08	1YrCancerR	7.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		364950	3767200	6.91E-08	1YrCancerR	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		365050	3767200	6.14E-08	1YrCancerR	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		365150	3767200	5.40E-08	1YrCancerR	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		365250	3767200	4.74E-08	1YrCancerR	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		365350	3767200	4.18E-08	1YrCancerR	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		365450	3767200	3.69E-08	1YrCancerR	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		365550	3767200	3.27E-08	1YrCancerR	3.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		365650	3767200	2.93E-08	1YrCancerR	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		363650	3767300	4.62E-08	1YrCancerR	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		363750	3767300	5.14E-08	1YrCancerR	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		363850	3767300	5.74E-08	1YrCancerR	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		363950	3767300	6.41E-08	1YrCancerR	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		364050	3767300	7.16E-08	1YrCancerR	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		364150	3767300	7.96E-08	1YrCancerR	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		364250	3767300	8.81E-08	1YrCancerR	8.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		364350	3767300	9.59E-08	1YrCancerR	9.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		364450	3767300	1.03E-07	1YrCancerR	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		364550	3767300	1.07E-07	1YrCancerR	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		364650	3767300	1.08E-07	1YrCancerR	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		364750	3767300	1.05E-07	1YrCancerR	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		364850	3767300	9.74E-08	1YrCancerR	9.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		364950	3767300	8.64E-08	1YrCancerR	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		365050	3767300	7.49E-08	1YrCancerR	7.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		365150	3767300	6.42E-08	1YrCancerR	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		365250	3767300	5.52E-08	1YrCancerR	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		365350	3767300	4.77E-08	1YrCancerR	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		365450	3767300	4.15E-08	1YrCancerR	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		365550	3767300	3.63E-08	1YrCancerR	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		365650	3767300	3.20E-08	1YrCancerR	3.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		363650	3767400	5.05E-08	1YrCancerR	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		363750	3767400	5.72E-08	1YrCancerR	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		363850	3767400	6.52E-08	1YrCancerR	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		363950	3767400	7.48E-08	1YrCancerR	7.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

89	ALL	364050	3767400	8.57E-08	1YrCancerF	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	364150	3767400	9.83E-08	1YrCancerF	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	364250	3767400	1.12E-07	1YrCancerF	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	364350	3767400	1.25E-07	1YrCancerF	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	364450	3767400	1.37E-07	1YrCancerF	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	364550	3767400	1.46E-07	1YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	364650	3767400	1.49E-07	1YrCancerF	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	364750	3767400	1.44E-07	1YrCancerF	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	364850	3767400	1.30E-07	1YrCancerF	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	364950	3767400	1.11E-07	1YrCancerF	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	365050	3767400	9.32E-08	1YrCancerF	9.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	365150	3767400	7.76E-08	1YrCancerF	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	365250	3767400	6.49E-08	1YrCancerF	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	365350	3767400	5.47E-08	1YrCancerF	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	365450	3767400	4.67E-08	1YrCancerF	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	365550	3767400	4.02E-08	1YrCancerF	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	365650	3767400	3.50E-08	1YrCancerF	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	363650	3767500	5.46E-08	1YrCancerF	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	363750	3767500	6.30E-08	1YrCancerF	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	363850	3767500	7.34E-08	1YrCancerF	7.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	363950	3767500	8.63E-08	1YrCancerF	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	364050	3767500	1.03E-07	1YrCancerF	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	364150	3767500	1.22E-07	1YrCancerF	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	364250	3767500	1.44E-07	1YrCancerF	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	364350	3767500	1.68E-07	1YrCancerF	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	364450	3767500	1.92E-07	1YrCancerF	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	364550	3767500	2.11E-07	1YrCancerF	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	364650	3767500	2.17E-07	1YrCancerF	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	364750	3767500	2.07E-07	1YrCancerF	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	364850	3767500	1.80E-07	1YrCancerF	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	364950	3767500	1.48E-07	1YrCancerF	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	365050	3767500	1.18E-07	1YrCancerF	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	365150	3767500	9.49E-08	1YrCancerF	9.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	365250	3767500	7.69E-08	1YrCancerF	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	365350	3767500	6.31E-08	1YrCancerF	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	365450	3767500	5.26E-08	1YrCancerF	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	365550	3767500	4.45E-08	1YrCancerF	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	365650	3767500	3.81E-08	1YrCancerF	3.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	363650	3767600	5.80E-08	1YrCancerF	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	363750	3767600	6.80E-08	1YrCancerF	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	363850	3767600	8.10E-08	1YrCancerF	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	363950	3767600	9.79E-08	1YrCancerF	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	364050	3767600	1.20E-07	1YrCancerF	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	364150	3767600	1.50E-07	1YrCancerF	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	364250	3767600	1.87E-07	1YrCancerF	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	364350	3767600	2.33E-07	1YrCancerF	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	364450	3767600	2.86E-07	1YrCancerF	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	364550	3767600	3.30E-07	1YrCancerF	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	364650	3767600	3.50E-07	1YrCancerF	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	364750	3767600	3.26E-07	1YrCancerF	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	364850	3767600	2.67E-07	1YrCancerF	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	364950	3767600	2.05E-07	1YrCancerF	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	365050	3767600	1.54E-07	1YrCancerF	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	365150	3767600	1.18E-07	1YrCancerF	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	365250	3767600	9.12E-08	1YrCancerF	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	365350	3767600	7.24E-08	1YrCancerF	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	365450	3767600	5.90E-08	1YrCancerF	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	365550	3767600	4.91E-08	1YrCancerF	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	365650	3767600	4.14E-08	1YrCancerF	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	363650	3767700	6.01E-08	1YrCancerF	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	363750	3767700	7.15E-08	1YrCancerF	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	363850	3767700	8.94E-08	1YrCancerF	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	363950	3767700	1.07E-07	1YrCancerF	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	364050	3767700	1.37E-07	1YrCancerF	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	364150	3767700	1.80E-07	1YrCancerF	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	364250	3767700	2.41E-07	1YrCancerF	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	364350	3767700	3.29E-07	1YrCancerF	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	364450	3767700	4.51E-07	1YrCancerF	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	364550	3767700	5.83E-07	1YrCancerF	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	364650	3767700	6.58E-07	1YrCancerF	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	364750	3767700	5.89E-07	1YrCancerF	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	364850	3767700	4.32E-07	1YrCancerF	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	364950	3767700	2.95E-07	1YrCancerF	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	365050	3767700	2.04E-07	1YrCancerF	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	365150	3767700	1.46E-07	1YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	365250	3767700	1.08E-07	1YrCancerF	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	365350	3767700	8.30E-08	1YrCancerF	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	365450	3767700	6.60E-08	1YrCancerF	6.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	365550	3767700	5.39E-08	1YrCancerF	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	365650	3767700	4.49E-08	1YrCancerF	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	363650	3767800	6.51E-08	1YrCancerF	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	363750	3767800	8.16E-08	1YrCancerF	8.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	363850	3767800	1.02E-07	1YrCancerF	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	363950	3767800	1.30E-07	1YrCancerF	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	364050	3767800	1.58E-07	1YrCancerF	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	364150	3767800	2.05E-07	1YrCancerF	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	364250	3767800	2.96E-07	1YrCancerF	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	364350	3767800	4.53E-07	1YrCancerF	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	364450	3767800	7.40E-07	1YrCancerF	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	364550	3767800	1.23E-06	1YrCancerF	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

179	ALL	364650	3767800	1.67E-06	1YrCancerF	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	364750	3767800	1.31E-06	1YrCancerF	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	364850	3767800	7.66E-07	1YrCancerF	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	364950	3767800	4.41E-07	1YrCancerF	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	365050	3767800	2.71E-07	1YrCancerF	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	365150	3767800	1.80E-07	1YrCancerF	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	365250	3767800	1.28E-07	1YrCancerF	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	365350	3767800	9.51E-08	1YrCancerF	9.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	365450	3767800	7.41E-08	1YrCancerF	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	365550	3767800	5.96E-08	1YrCancerF	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	365650	3767800	4.91E-08	1YrCancerF	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	363650	3767900	6.11E-08	1YrCancerF	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	363750	3767900	7.05E-08	1YrCancerF	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	363850	3767900	8.83E-08	1YrCancerF	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	363950	3767900	1.21E-07	1YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	364050	3767900	1.64E-07	1YrCancerF	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	364150	3767900	2.21E-07	1YrCancerF	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	364250	3767900	3.33E-07	1YrCancerF	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	364350	3767900	5.59E-07	1YrCancerF	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	364450	3767900	1.11E-06	1YrCancerF	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	364550	3767900	2.99E-06	1YrCancerF	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	364650	3767900	1.11E-05	1YrCancerF	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	364750	3767900	4.19E-06	1YrCancerF	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	364850	3767900	1.57E-06	1YrCancerF	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	364950	3767900	6.92E-07	1YrCancerF	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	365050	3767900	3.75E-07	1YrCancerF	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	365150	3767900	2.32E-07	1YrCancerF	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	365250	3767900	1.57E-07	1YrCancerF	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	365350	3767900	1.14E-07	1YrCancerF	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	365450	3767900	8.68E-08	1YrCancerF	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	365550	3767900	6.83E-08	1YrCancerF	6.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	365650	3767900	5.54E-08	1YrCancerF	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	363650	3768000	5.01E-08	1YrCancerF	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	363750	3768000	5.81E-08	1YrCancerF	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	363850	3768000	7.56E-08	1YrCancerF	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	363950	3768000	1.07E-07	1YrCancerF	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	364050	3768000	1.48E-07	1YrCancerF	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	364150	3768000	2.19E-07	1YrCancerF	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	364250	3768000	3.26E-07	1YrCancerF	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	364350	3768000	5.70E-07	1YrCancerF	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	364450	3768000	1.19E-06	1YrCancerF	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	364850	3768000	4.55E-06	1YrCancerF	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	364950	3768000	1.45E-06	1YrCancerF	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	365050	3768000	6.64E-07	1YrCancerF	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	365150	3768000	3.68E-07	1YrCancerF	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	365250	3768000	2.30E-07	1YrCancerF	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	365350	3768000	1.56E-07	1YrCancerF	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	365450	3768000	1.13E-07	1YrCancerF	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	365550	3768000	8.56E-08	1YrCancerF	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	365650	3768000	6.72E-08	1YrCancerF	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	363650	3768100	4.49E-08	1YrCancerF	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	363750	3768100	5.41E-08	1YrCancerF	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	363850	3768100	7.56E-08	1YrCancerF	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	363950	3768100	1.08E-07	1YrCancerF	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	364050	3768100	1.40E-07	1YrCancerF	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	364150	3768100	1.91E-07	1YrCancerF	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	364250	3768100	2.83E-07	1YrCancerF	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	364350	3768100	4.68E-07	1YrCancerF	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	364450	3768100	8.95E-07	1YrCancerF	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	364550	3768100	1.98E-06	1YrCancerF	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	364650	3768100	6.01E-06	1YrCancerF	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	364750	3768100	2.25E-05	1YrCancerF	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	364850	3768100	9.80E-06	1YrCancerF	9.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	364950	3768100	3.22E-06	1YrCancerF	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	365050	3768100	1.32E-06	1YrCancerF	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	365150	3768100	6.81E-07	1YrCancerF	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	365250	3768100	3.91E-07	1YrCancerF	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	365350	3768100	2.46E-07	1YrCancerF	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	365450	3768100	1.66E-07	1YrCancerF	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	365550	3768100	1.19E-07	1YrCancerF	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	365650	3768100	8.90E-08	1YrCancerF	8.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	363650	3768200	4.81E-08	1YrCancerF	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	363750	3768200	6.07E-08	1YrCancerF	6.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	363850	3768200	7.20E-08	1YrCancerF	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	363950	3768200	8.92E-08	1YrCancerF	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	364050	3768200	1.16E-07	1YrCancerF	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	364150	3768200	1.55E-07	1YrCancerF	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	364250	3768200	2.24E-07	1YrCancerF	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	364350	3768200	3.46E-07	1YrCancerF	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	364450	3768200	5.55E-07	1YrCancerF	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	364550	3768200	8.76E-07	1YrCancerF	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	364650	3768200	1.50E-06	1YrCancerF	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	364750	3768200	3.15E-06	1YrCancerF	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	364850	3768200	4.50E-06	1YrCancerF	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	364950	3768200	3.18E-06	1YrCancerF	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	365050	3768200	1.77E-06	1YrCancerF	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	365150	3768200	9.84E-07	1YrCancerF	9.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	365250	3768200	5.98E-07	1YrCancerF	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	365350	3768200	3.72E-07	1YrCancerF	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	365450	3768200	2.47E-07	1YrCancerF	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

269	ALL	365550	3768200	1.71E-07	1YrCancerF	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	365650	3768200	1.24E-07	1YrCancerF	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	363650	3768300	4.62E-08	1YrCancerF	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	363750	3768300	5.35E-08	1YrCancerF	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	363850	3768300	6.34E-08	1YrCancerF	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	363950	3768300	7.68E-08	1YrCancerF	7.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	364050	3768300	9.64E-08	1YrCancerF	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	364150	3768300	1.25E-07	1YrCancerF	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	364250	3768300	1.70E-07	1YrCancerF	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	364350	3768300	2.36E-07	1YrCancerF	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	364450	3768300	3.23E-07	1YrCancerF	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	364550	3768300	4.30E-07	1YrCancerF	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	364650	3768300	6.55E-07	1YrCancerF	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	364750	3768300	9.95E-07	1YrCancerF	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	364850	3768300	1.59E-06	1YrCancerF	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	364950	3768300	1.77E-06	1YrCancerF	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	365050	3768300	1.45E-06	1YrCancerF	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	365150	3768300	1.02E-06	1YrCancerF	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	365250	3768300	7.13E-07	1YrCancerF	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	365350	3768300	4.74E-07	1YrCancerF	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	365450	3768300	3.21E-07	1YrCancerF	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	365550	3768300	2.29E-07	1YrCancerF	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	365650	3768300	1.66E-07	1YrCancerF	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	363650	3768400	4.12E-08	1YrCancerF	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	363750	3768400	4.71E-08	1YrCancerF	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	363850	3768400	5.46E-08	1YrCancerF	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	363950	3768400	6.49E-08	1YrCancerF	6.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	364050	3768400	7.93E-08	1YrCancerF	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	364150	3768400	1.00E-07	1YrCancerF	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	364250	3768400	1.31E-07	1YrCancerF	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	364350	3768400	1.65E-07	1YrCancerF	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	364450	3768400	2.02E-07	1YrCancerF	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	364550	3768400	2.48E-07	1YrCancerF	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	364650	3768400	3.42E-07	1YrCancerF	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	364750	3768400	4.60E-07	1YrCancerF	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	364850	3768400	6.93E-07	1YrCancerF	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	364950	3768400	8.82E-07	1YrCancerF	8.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	365050	3768400	9.13E-07	1YrCancerF	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	365150	3768400	8.11E-07	1YrCancerF	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	365250	3768400	6.58E-07	1YrCancerF	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	365350	3768400	4.92E-07	1YrCancerF	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	365450	3768400	3.60E-07	1YrCancerF	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	365550	3768400	2.63E-07	1YrCancerF	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	365650	3768400	2.05E-07	1YrCancerF	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	363650	3768500	3.61E-08	1YrCancerF	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	363750	3768500	4.07E-08	1YrCancerF	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	363850	3768500	4.69E-08	1YrCancerF	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	363950	3768500	5.40E-08	1YrCancerF	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	364050	3768500	6.55E-08	1YrCancerF	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	364150	3768500	8.18E-08	1YrCancerF	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	364250	3768500	9.91E-08	1YrCancerF	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	364350	3768500	1.13E-07	1YrCancerF	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	364450	3768500	1.32E-07	1YrCancerF	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	364550	3768500	1.62E-07	1YrCancerF	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	364650	3768500	2.06E-07	1YrCancerF	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	364750	3768500	2.64E-07	1YrCancerF	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	364850	3768500	3.57E-07	1YrCancerF	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	364950	3768500	4.74E-07	1YrCancerF	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	365050	3768500	5.43E-07	1YrCancerF	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	365150	3768500	5.60E-07	1YrCancerF	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	365250	3768500	5.18E-07	1YrCancerF	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	365350	3768500	4.39E-07	1YrCancerF	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	365450	3768500	3.57E-07	1YrCancerF	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	365550	3768500	2.76E-07	1YrCancerF	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	365650	3768500	2.14E-07	1YrCancerF	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	363650	3768600	3.14E-08	1YrCancerF	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	363750	3768600	3.53E-08	1YrCancerF	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	363850	3768600	3.92E-08	1YrCancerF	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	363950	3768600	4.66E-08	1YrCancerF	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	364050	3768600	5.49E-08	1YrCancerF	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	364150	3768600	6.53E-08	1YrCancerF	6.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	364250	3768600	7.15E-08	1YrCancerF	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	364350	3768600	8.12E-08	1YrCancerF	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	364450	3768600	9.16E-08	1YrCancerF	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	364550	3768600	1.09E-07	1YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	364650	3768600	1.37E-07	1YrCancerF	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	364750	3768600	1.65E-07	1YrCancerF	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	364850	3768600	2.12E-07	1YrCancerF	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	364950	3768600	2.78E-07	1YrCancerF	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	365050	3768600	3.27E-07	1YrCancerF	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	365150	3768600	3.71E-07	1YrCancerF	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	365250	3768600	3.73E-07	1YrCancerF	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	365350	3768600	3.50E-07	1YrCancerF	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	365450	3768600	3.11E-07	1YrCancerF	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	365550	3768600	2.65E-07	1YrCancerF	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	365650	3768600	2.18E-07	1YrCancerF	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	363650	3768700	2.75E-08	1YrCancerF	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	363750	3768700	3.08E-08	1YrCancerF	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	363850	3768700	3.47E-08	1YrCancerF	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	363950	3768700	4.01E-08	1YrCancerF	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

359	ALL	364050	3768700	4.61E-08	1YrCancerF	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	364150	3768700	5.23E-08	1YrCancerF	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	364250	3768700	5.56E-08	1YrCancerF	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	364350	3768700	6.05E-08	1YrCancerF	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	364450	3768700	6.81E-08	1YrCancerF	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	364550	3768700	8.02E-08	1YrCancerF	8.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	364650	3768700	9.68E-08	1YrCancerF	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	364750	3768700	1.11E-07	1YrCancerF	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	364850	3768700	1.35E-07	1YrCancerF	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	364950	3768700	1.75E-07	1YrCancerF	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	365050	3768700	2.10E-07	1YrCancerF	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	365150	3768700	2.45E-07	1YrCancerF	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	365250	3768700	2.64E-07	1YrCancerF	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	365350	3768700	2.64E-07	1YrCancerF	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	365450	3768700	2.53E-07	1YrCancerF	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	365550	3768700	2.30E-07	1YrCancerF	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	365650	3768700	2.04E-07	1YrCancerF	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	363650	3768800	2.43E-08	1YrCancerF	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	363750	3768800	2.72E-08	1YrCancerF	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	363850	3768800	3.09E-08	1YrCancerF	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	363950	3768800	3.43E-08	1YrCancerF	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	364050	3768800	3.74E-08	1YrCancerF	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	364150	3768800	4.24E-08	1YrCancerF	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	364250	3768800	4.39E-08	1YrCancerF	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	364350	3768800	4.72E-08	1YrCancerF	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	364450	3768800	5.19E-08	1YrCancerF	5.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	364550	3768800	5.97E-08	1YrCancerF	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	364650	3768800	7.26E-08	1YrCancerF	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	364750	3768800	8.01E-08	1YrCancerF	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	364850	3768800	9.50E-08	1YrCancerF	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	364950	3768800	1.19E-07	1YrCancerF	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	365050	3768800	1.42E-07	1YrCancerF	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	365150	3768800	1.68E-07	1YrCancerF	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	365250	3768800	1.85E-07	1YrCancerF	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	365350	3768800	1.94E-07	1YrCancerF	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	365450	3768800	1.97E-07	1YrCancerF	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	365550	3768800	1.91E-07	1YrCancerF	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	365650	3768800	1.78E-07	1YrCancerF	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	363650	3768900	2.20E-08	1YrCancerF	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	363750	3768900	2.48E-08	1YrCancerF	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	363850	3768900	2.70E-08	1YrCancerF	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	363950	3768900	2.90E-08	1YrCancerF	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	364050	3768900	3.10E-08	1YrCancerF	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	364150	3768900	3.31E-08	1YrCancerF	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	364250	3768900	3.54E-08	1YrCancerF	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	364350	3768900	3.78E-08	1YrCancerF	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	364450	3768900	4.16E-08	1YrCancerF	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	364550	3768900	4.63E-08	1YrCancerF	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	364650	3768900	5.46E-08	1YrCancerF	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	364750	3768900	6.35E-08	1YrCancerF	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	364850	3768900	6.99E-08	1YrCancerF	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	364950	3768900	8.57E-08	1YrCancerF	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	365050	3768900	1.01E-07	1YrCancerF	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	365150	3768900	1.20E-07	1YrCancerF	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	365250	3768900	1.34E-07	1YrCancerF	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	365350	3768900	1.44E-07	1YrCancerF	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	365450	3768900	1.52E-07	1YrCancerF	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	365550	3768900	1.53E-07	1YrCancerF	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	365650	3768900	1.50E-07	1YrCancerF	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	363650	3769000	2.03E-08	1YrCancerF	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	363750	3769000	2.22E-08	1YrCancerF	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	363850	3769000	2.36E-08	1YrCancerF	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	363950	3769000	2.45E-08	1YrCancerF	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	364050	3769000	2.60E-08	1YrCancerF	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	364150	3769000	2.79E-08	1YrCancerF	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	364250	3769000	2.94E-08	1YrCancerF	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	364350	3769000	3.17E-08	1YrCancerF	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	364450	3769000	3.44E-08	1YrCancerF	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	364550	3769000	3.83E-08	1YrCancerF	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	364650	3769000	4.27E-08	1YrCancerF	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	364750	3769000	4.81E-08	1YrCancerF	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	364850	3769000	5.45E-08	1YrCancerF	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	364950	3769000	6.45E-08	1YrCancerF	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	365050	3769000	7.58E-08	1YrCancerF	7.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	365150	3769000	8.79E-08	1YrCancerF	8.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	365250	3769000	9.91E-08	1YrCancerF	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	365350	3769000	1.09E-07	1YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	365450	3769000	1.17E-07	1YrCancerF	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	365550	3769000	1.21E-07	1YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	365650	3769000	1.24E-07	1YrCancerF	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	364450	3767750	5.78E-07	1YrCancerF	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	364475	3767750	6.36E-07	1YrCancerF	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	364500	3767750	6.98E-07	1YrCancerF	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	364525	3767750	7.62E-07	1YrCancerF	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	364550	3767750	8.26E-07	1YrCancerF	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	364575	3767750	8.83E-07	1YrCancerF	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	364600	3767750	9.36E-07	1YrCancerF	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	364625	3767750	9.75E-07	1YrCancerF	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	364650	3767750	9.91E-07	1YrCancerF	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	364675	3767750	9.87E-07	1YrCancerF	9.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

449	ALL	364700	3767750	9.59E-07	1YrCancerF	9.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	364725	3767750	9.10E-07	1YrCancerF	9.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	364750	3767750	8.47E-07	1YrCancerF	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	364775	3767750	7.78E-07	1YrCancerF	7.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	364800	3767750	7.05E-07	1YrCancerF	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	364825	3767750	6.34E-07	1YrCancerF	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	364850	3767750	5.68E-07	1YrCancerF	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	364875	3767750	5.06E-07	1YrCancerF	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	364900	3767750	4.51E-07	1YrCancerF	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	364925	3767750	4.03E-07	1YrCancerF	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	364950	3767750	3.59E-07	1YrCancerF	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	364450	3767775	6.55E-07	1YrCancerF	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	364475	3767775	7.32E-07	1YrCancerF	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	364500	3767775	8.17E-07	1YrCancerF	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	364525	3767775	9.09E-07	1YrCancerF	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	364550	3767775	1.00E-06	1YrCancerF	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	364575	3767775	1.09E-06	1YrCancerF	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	364600	3767775	1.18E-06	1YrCancerF	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	364625	3767775	1.23E-06	1YrCancerF	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	364650	3767775	1.27E-06	1YrCancerF	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	364675	3767775	1.26E-06	1YrCancerF	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	364700	3767775	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	364725	3767775	1.14E-06	1YrCancerF	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	364750	3767775	1.04E-06	1YrCancerF	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	364775	3767775	9.40E-07	1YrCancerF	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	364800	3767775	8.39E-07	1YrCancerF	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	364825	3767775	7.44E-07	1YrCancerF	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	364850	3767775	6.58E-07	1YrCancerF	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	364875	3767775	5.79E-07	1YrCancerF	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	364900	3767775	5.10E-07	1YrCancerF	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	364925	3767775	4.50E-07	1YrCancerF	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	364950	3767775	3.97E-07	1YrCancerF	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	364450	3767800	7.40E-07	1YrCancerF	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	364475	3767800	8.43E-07	1YrCancerF	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	364500	3767800	9.60E-07	1YrCancerF	9.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	364525	3767800	1.09E-06	1YrCancerF	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	364550	3767800	1.23E-06	1YrCancerF	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	364575	3767800	1.38E-06	1YrCancerF	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	364600	3767800	1.51E-06	1YrCancerF	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	364625	3767800	1.62E-06	1YrCancerF	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	364650	3767800	1.67E-06	1YrCancerF	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	364675	3767800	1.66E-06	1YrCancerF	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	364700	3767800	1.58E-06	1YrCancerF	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	364725	3767800	1.46E-06	1YrCancerF	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	364750	3767800	1.31E-06	1YrCancerF	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	364775	3767800	1.16E-06	1YrCancerF	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	364800	3767800	1.01E-06	1YrCancerF	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	364825	3767800	8.83E-07	1YrCancerF	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	364850	3767800	7.66E-07	1YrCancerF	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	364875	3767800	6.65E-07	1YrCancerF	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	364900	3767800	5.78E-07	1YrCancerF	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	364925	3767800	5.03E-07	1YrCancerF	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	364950	3767800	4.41E-07	1YrCancerF	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	364450	3767825	8.33E-07	1YrCancerF	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	364475	3767825	9.68E-07	1YrCancerF	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	364500	3767825	1.13E-06	1YrCancerF	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	364525	3767825	1.32E-06	1YrCancerF	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	364550	3767825	1.53E-06	1YrCancerF	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	364575	3767825	1.77E-06	1YrCancerF	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	364600	3767825	2.01E-06	1YrCancerF	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	364625	3767825	2.20E-06	1YrCancerF	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	364650	3767825	2.31E-06	1YrCancerF	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	364675	3767825	2.29E-06	1YrCancerF	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	364700	3767825	2.14E-06	1YrCancerF	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	364725	3767825	1.92E-06	1YrCancerF	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	364750	3767825	1.68E-06	1YrCancerF	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	364775	3767825	1.45E-06	1YrCancerF	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	364800	3767825	1.24E-06	1YrCancerF	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	364825	3767825	1.06E-06	1YrCancerF	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	364850	3767825	9.02E-07	1YrCancerF	9.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	364875	3767825	7.69E-07	1YrCancerF	7.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	364900	3767825	6.57E-07	1YrCancerF	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	364925	3767825	5.66E-07	1YrCancerF	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	364950	3767825	4.89E-07	1YrCancerF	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	364450	3767850	9.30E-07	1YrCancerF	9.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	364475	3767850	1.10E-06	1YrCancerF	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	364500	3767850	1.32E-06	1YrCancerF	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	364525	3767850	1.59E-06	1YrCancerF	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	364550	3767850	1.93E-06	1YrCancerF	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	364575	3767850	2.33E-06	1YrCancerF	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	364600	3767850	2.77E-06	1YrCancerF	2.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	364625	3767850	3.18E-06	1YrCancerF	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	364650	3767850	3.42E-06	1YrCancerF	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	364675	3767850	3.38E-06	1YrCancerF	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	364700	3767850	3.04E-06	1YrCancerF	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	364725	3767850	2.63E-06	1YrCancerF	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	364750	3767850	2.21E-06	1YrCancerF	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	364775	3767850	1.85E-06	1YrCancerF	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	364800	3767850	1.54E-06	1YrCancerF	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	364825	3767850	1.29E-06	1YrCancerF	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

539	ALL	364850	3767850	1.07E-06	1YrCancerF	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	364875	3767850	8.93E-07	1YrCancerF	8.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	364900	3767850	7.52E-07	1YrCancerF	7.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	364925	3767850	6.38E-07	1YrCancerF	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	364950	3767850	5.44E-07	1YrCancerF	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	364450	3767875	1.02E-06	1YrCancerF	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	364475	3767875	1.24E-06	1YrCancerF	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	364500	3767875	1.52E-06	1YrCancerF	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	364525	3767875	1.91E-06	1YrCancerF	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	364550	3767875	2.42E-06	1YrCancerF	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	364575	3767875	3.12E-06	1YrCancerF	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	364600	3767875	3.99E-06	1YrCancerF	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	364625	3767875	4.96E-06	1YrCancerF	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	364650	3767875	5.63E-06	1YrCancerF	5.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	364675	3767875	5.46E-06	1YrCancerF	5.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	364700	3767875	4.65E-06	1YrCancerF	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	364725	3767875	3.74E-06	1YrCancerF	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	364750	3767875	3.00E-06	1YrCancerF	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	364775	3767875	2.41E-06	1YrCancerF	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	364800	3767875	1.95E-06	1YrCancerF	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	364825	3767875	1.58E-06	1YrCancerF	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	364850	3767875	1.28E-06	1YrCancerF	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	364875	3767875	1.05E-06	1YrCancerF	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	364900	3767875	8.66E-07	1YrCancerF	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	364925	3767875	7.24E-07	1YrCancerF	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	364950	3767875	6.11E-07	1YrCancerF	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	364450	3767900	1.11E-06	1YrCancerF	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	364475	3767900	1.36E-06	1YrCancerF	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	364500	3767900	1.73E-06	1YrCancerF	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	364525	3767900	2.24E-06	1YrCancerF	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	364550	3767900	2.99E-06	1YrCancerF	2.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	364575	3767900	4.14E-06	1YrCancerF	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	364600	3767900	5.94E-06	1YrCancerF	5.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	364625	3767900	8.63E-06	1YrCancerF	8.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	364650	3767900	1.11E-05	1YrCancerF	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	364700	3767900	7.71E-06	1YrCancerF	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	364725	3767900	5.56E-06	1YrCancerF	5.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	364750	3767900	4.19E-06	1YrCancerF	4.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	364775	3767900	3.26E-06	1YrCancerF	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	364800	3767900	2.54E-06	1YrCancerF	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	364825	3767900	1.99E-06	1YrCancerF	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	364850	3767900	1.57E-06	1YrCancerF	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	364875	3767900	1.25E-06	1YrCancerF	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	364900	3767900	1.01E-06	1YrCancerF	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	364925	3767900	8.31E-07	1YrCancerF	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	364950	3767900	6.92E-07	1YrCancerF	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	364450	3767925	1.17E-06	1YrCancerF	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	364475	3767925	1.47E-06	1YrCancerF	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	364500	3767925	1.89E-06	1YrCancerF	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	364525	3767925	2.51E-06	1YrCancerF	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	364550	3767925	3.56E-06	1YrCancerF	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	364575	3767925	5.33E-06	1YrCancerF	5.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	364600	3767925	8.71E-06	1YrCancerF	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	364625	3767925	1.57E-05	1YrCancerF	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	364675	3767925	2.63E-05	1YrCancerF	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	364700	3767925	1.43E-05	1YrCancerF	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	364750	3767925	6.30E-06	1YrCancerF	6.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	364775	3767925	4.72E-06	1YrCancerF	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	364800	3767925	3.53E-06	1YrCancerF	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	364825	3767925	2.62E-06	1YrCancerF	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	364850	3767925	1.98E-06	1YrCancerF	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	364875	3767925	1.53E-06	1YrCancerF	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	364900	3767925	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	364925	3767925	9.76E-07	1YrCancerF	9.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	364950	3767925	8.00E-07	1YrCancerF	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	364450	3767950	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	364475	3767950	1.53E-06	1YrCancerF	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	364500	3767950	1.99E-06	1YrCancerF	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	364525	3767950	2.70E-06	1YrCancerF	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	364550	3767950	3.89E-06	1YrCancerF	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	364575	3767950	6.26E-06	1YrCancerF	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	364600	3767950	1.14E-05	1YrCancerF	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	364775	3767950	7.45E-06	1YrCancerF	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	364800	3767950	5.15E-06	1YrCancerF	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	364825	3767950	3.57E-06	1YrCancerF	3.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	364850	3767950	2.58E-06	1YrCancerF	2.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	364875	3767950	1.92E-06	1YrCancerF	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	364900	3767950	1.48E-06	1YrCancerF	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	364925	3767950	1.17E-06	1YrCancerF	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	364950	3767950	9.47E-07	1YrCancerF	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	364450	3767975	1.22E-06	1YrCancerF	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	364475	3767975	1.54E-06	1YrCancerF	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	364500	3767975	2.03E-06	1YrCancerF	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	364525	3767975	2.76E-06	1YrCancerF	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	364550	3767975	3.99E-06	1YrCancerF	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	364575	3767975	6.54E-06	1YrCancerF	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	364825	3767975	4.89E-06	1YrCancerF	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	364850	3767975	3.39E-06	1YrCancerF	3.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	364875	3767975	2.45E-06	1YrCancerF	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	364900	3767975	1.86E-06	1YrCancerF	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

629	ALL	364925	3767975	1.45E-06	1YrCancerF	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	364950	3767975	1.16E-06	1YrCancerF	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	364450	3768000	1.19E-06	1YrCancerF	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	364475	3768000	1.50E-06	1YrCancerF	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	364500	3768000	1.96E-06	1YrCancerF	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	364525	3768000	2.67E-06	1YrCancerF	2.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	364800	3768000	1.11E-05	1YrCancerF	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	364825	3768000	6.78E-06	1YrCancerF	6.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	364850	3768000	4.55E-06	1YrCancerF	4.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	364875	3768000	3.23E-06	1YrCancerF	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	364900	3768000	2.40E-06	1YrCancerF	2.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	364925	3768000	1.84E-06	1YrCancerF	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	364950	3768000	1.45E-06	1YrCancerF	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	364450	3768025	1.14E-06	1YrCancerF	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	364475	3768025	1.43E-06	1YrCancerF	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	364500	3768025	1.84E-06	1YrCancerF	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	364525	3768025	2.45E-06	1YrCancerF	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	364800	3768025	1.79E-05	1YrCancerF	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	364825	3768025	1.01E-05	1YrCancerF	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	364850	3768025	6.37E-06	1YrCancerF	6.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	364875	3768025	4.38E-06	1YrCancerF	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	364900	3768025	3.17E-06	1YrCancerF	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	364925	3768025	2.39E-06	1YrCancerF	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	364950	3768025	1.84E-06	1YrCancerF	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	364450	3768050	1.08E-06	1YrCancerF	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	364475	3768050	1.34E-06	1YrCancerF	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	364500	3768050	1.68E-06	1YrCancerF	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	364525	3768050	2.17E-06	1YrCancerF	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	364550	3768050	2.91E-06	1YrCancerF	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	364600	3768050	5.69E-06	1YrCancerF	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	364625	3768050	8.83E-06	1YrCancerF	8.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	364775	3768050	3.80E-05	1YrCancerF	3.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	364800	3768050	2.19E-05	1YrCancerF	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	364825	3768050	1.31E-05	1YrCancerF	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	364850	3768050	8.38E-06	1YrCancerF	8.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	364875	3768050	5.71E-06	1YrCancerF	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	364900	3768050	4.09E-06	1YrCancerF	4.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	364925	3768050	3.04E-06	1YrCancerF	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	364950	3768050	2.32E-06	1YrCancerF	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	364450	3768075	9.99E-07	1YrCancerF	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	364475	3768075	1.23E-06	1YrCancerF	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	364500	3768075	1.49E-06	1YrCancerF	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	364525	3768075	1.87E-06	1YrCancerF	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	364550	3768075	2.41E-06	1YrCancerF	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	364575	3768075	3.19E-06	1YrCancerF	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	364625	3768075	6.20E-06	1YrCancerF	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	364650	3768075	9.48E-06	1YrCancerF	9.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	364750	3768075	4.48E-05	1YrCancerF	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	364775	3768075	3.25E-05	1YrCancerF	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	364800	3768075	2.15E-05	1YrCancerF	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	364825	3768075	1.44E-05	1YrCancerF	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	364850	3768075	9.71E-06	1YrCancerF	9.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	364875	3768075	6.79E-06	1YrCancerF	6.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	364900	3768075	4.92E-06	1YrCancerF	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	364925	3768075	3.67E-06	1YrCancerF	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	364950	3768075	2.81E-06	1YrCancerF	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	364450	3768100	8.95E-07	1YrCancerF	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	364475	3768100	1.08E-06	1YrCancerF	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	364500	3768100	1.31E-06	1YrCancerF	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	364525	3768100	1.58E-06	1YrCancerF	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	364550	3768100	1.98E-06	1YrCancerF	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	364575	3768100	2.43E-06	1YrCancerF	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	364600	3768100	3.25E-06	1YrCancerF	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	364650	3768100	6.01E-06	1YrCancerF	6.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	364675	3768100	8.35E-06	1YrCancerF	8.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	364725	3768100	1.82E-05	1YrCancerF	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	364750	3768100	2.25E-05	1YrCancerF	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	364775	3768100	2.16E-05	1YrCancerF	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	364800	3768100	1.77E-05	1YrCancerF	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	364825	3768100	1.33E-05	1YrCancerF	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	364850	3768100	9.80E-06	1YrCancerF	9.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	364875	3768100	7.27E-06	1YrCancerF	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	364900	3768100	5.43E-06	1YrCancerF	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	364925	3768100	4.14E-06	1YrCancerF	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	364950	3768100	3.22E-06	1YrCancerF	3.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	364450	3768125	7.92E-07	1YrCancerF	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	364475	3768125	9.48E-07	1YrCancerF	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	364500	3768125	1.13E-06	1YrCancerF	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	364525	3768125	1.31E-06	1YrCancerF	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	364550	3768125	1.49E-06	1YrCancerF	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	364575	3768125	1.82E-06	1YrCancerF	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	364600	3768125	2.41E-06	1YrCancerF	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	364625	3768125	3.11E-06	1YrCancerF	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	364675	3768125	5.23E-06	1YrCancerF	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	364700	3768125	7.01E-06	1YrCancerF	7.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	364725	3768125	9.48E-06	1YrCancerF	9.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	364750	3768125	1.21E-05	1YrCancerF	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	364775	3768125	1.34E-05	1YrCancerF	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	364800	3768125	1.27E-05	1YrCancerF	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	364825	3768125	1.09E-05	1YrCancerF	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

719	ALL	364850	3768125	8.88E-06	1YrCancerF	8.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	364875	3768125	7.04E-06	1YrCancerF	7.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	364900	3768125	5.49E-06	1YrCancerF	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	364925	3768125	4.35E-06	1YrCancerF	4.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	364950	3768125	3.47E-06	1YrCancerF	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	364450	3768150	7.10E-07	1YrCancerF	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	364475	3768150	8.18E-07	1YrCancerF	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	364500	3768150	9.68E-07	1YrCancerF	9.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	364525	3768150	1.12E-06	1YrCancerF	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	364550	3768150	1.29E-06	1YrCancerF	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	364575	3768150	1.46E-06	1YrCancerF	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	364600	3768150	1.86E-06	1YrCancerF	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	364625	3768150	2.28E-06	1YrCancerF	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	364650	3768150	2.83E-06	1YrCancerF	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	364700	3768150	4.41E-06	1YrCancerF	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	364725	3768150	5.65E-06	1YrCancerF	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	364750	3768150	7.18E-06	1YrCancerF	7.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	364775	3768150	8.33E-06	1YrCancerF	8.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	364800	3768150	8.72E-06	1YrCancerF	8.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	364825	3768150	8.29E-06	1YrCancerF	8.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	364850	3768150	7.38E-06	1YrCancerF	7.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	364875	3768150	6.29E-06	1YrCancerF	6.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	364900	3768150	5.23E-06	1YrCancerF	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	364925	3768150	4.31E-06	1YrCancerF	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	364950	3768150	3.54E-06	1YrCancerF	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	364450	3768175	6.28E-07	1YrCancerF	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	364475	3768175	7.17E-07	1YrCancerF	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	364500	3768175	8.26E-07	1YrCancerF	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	364525	3768175	9.47E-07	1YrCancerF	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	364550	3768175	1.09E-06	1YrCancerF	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	364575	3768175	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	364600	3768175	1.41E-06	1YrCancerF	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	364625	3768175	1.69E-06	1YrCancerF	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	364650	3768175	1.96E-06	1YrCancerF	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	364675	3768175	2.43E-06	1YrCancerF	2.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	364700	3768175	3.03E-06	1YrCancerF	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	364725	3768175	3.73E-06	1YrCancerF	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	364750	3768175	4.59E-06	1YrCancerF	4.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	364775	3768175	5.43E-06	1YrCancerF	5.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	364800	3768175	5.99E-06	1YrCancerF	5.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	364825	3768175	6.10E-06	1YrCancerF	6.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	364850	3768175	5.83E-06	1YrCancerF	5.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	364875	3768175	5.30E-06	1YrCancerF	5.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	364900	3768175	4.67E-06	1YrCancerF	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	364925	3768175	4.02E-06	1YrCancerF	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	364950	3768175	3.43E-06	1YrCancerF	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	364450	3768200	5.55E-07	1YrCancerF	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	364475	3768200	6.20E-07	1YrCancerF	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	364500	3768200	7.06E-07	1YrCancerF	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	364525	3768200	7.86E-07	1YrCancerF	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	364550	3768200	8.76E-07	1YrCancerF	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	364575	3768200	9.90E-07	1YrCancerF	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	364600	3768200	1.12E-06	1YrCancerF	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	364625	3768200	1.28E-06	1YrCancerF	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	364650	3768200	1.50E-06	1YrCancerF	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	364675	3768200	1.83E-06	1YrCancerF	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	364700	3768200	2.19E-06	1YrCancerF	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	364725	3768200	2.63E-06	1YrCancerF	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	364750	3768200	3.15E-06	1YrCancerF	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	364775	3768200	3.72E-06	1YrCancerF	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	364800	3768200	4.18E-06	1YrCancerF	4.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	364825	3768200	4.47E-06	1YrCancerF	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	364850	3768200	4.50E-06	1YrCancerF	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	364875	3768200	4.31E-06	1YrCancerF	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	364900	3768200	4.00E-06	1YrCancerF	4.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	364925	3768200	3.60E-06	1YrCancerF	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	364950	3768200	3.18E-06	1YrCancerF	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	364450	3768225	4.89E-07	1YrCancerF	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	364475	3768225	5.39E-07	1YrCancerF	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	364500	3768225	6.04E-07	1YrCancerF	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	364525	3768225	6.44E-07	1YrCancerF	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	364550	3768225	7.18E-07	1YrCancerF	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	364575	3768225	8.03E-07	1YrCancerF	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	364600	3768225	9.05E-07	1YrCancerF	9.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	364625	3768225	1.03E-06	1YrCancerF	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	364650	3768225	1.18E-06	1YrCancerF	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	364675	3768225	1.42E-06	1YrCancerF	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	364700	3768225	1.65E-06	1YrCancerF	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	364725	3768225	1.94E-06	1YrCancerF	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	364750	3768225	2.28E-06	1YrCancerF	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	364775	3768225	2.65E-06	1YrCancerF	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	364800	3768225	3.01E-06	1YrCancerF	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	364825	3768225	3.30E-06	1YrCancerF	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	364850	3768225	3.44E-06	1YrCancerF	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	364875	3768225	3.44E-06	1YrCancerF	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	364900	3768225	3.32E-06	1YrCancerF	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	364925	3768225	3.10E-06	1YrCancerF	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	364950	3768225	2.84E-06	1YrCancerF	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	364450	3768250	4.15E-07	1YrCancerF	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	364475	3768250	4.54E-07	1YrCancerF	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

809	ALL	364500	3768250	4.98E-07	1YrCancerR	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	364525	3768250	5.45E-07	1YrCancerR	5.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	364550	3768250	5.96E-07	1YrCancerR	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	364575	3768250	6.60E-07	1YrCancerR	6.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	364600	3768250	7.38E-07	1YrCancerR	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	364625	3768250	8.39E-07	1YrCancerR	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	364650	3768250	9.47E-07	1YrCancerR	9.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	364675	3768250	1.07E-06	1YrCancerR	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	364700	3768250	1.28E-06	1YrCancerR	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	364725	3768250	1.43E-06	1YrCancerR	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	364750	3768250	1.66E-06	1YrCancerR	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	364775	3768250	1.94E-06	1YrCancerR	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	364800	3768250	2.20E-06	1YrCancerR	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	364825	3768250	2.44E-06	1YrCancerR	2.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	364850	3768250	2.63E-06	1YrCancerR	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	364875	3768250	2.74E-06	1YrCancerR	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	364900	3768250	2.72E-06	1YrCancerR	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	364925	3768250	2.63E-06	1YrCancerR	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	364950	3768250	2.48E-06	1YrCancerR	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	364699.9	3767936	2.02E-05	1YrCancerR	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	364607.9	3768036	7.55E-06	1YrCancerR	7.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	364622.2	3768049	8.49E-06	1YrCancerR	8.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	364636.5	3768061	9.37E-06	1YrCancerR	9.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	364650.7	3768074	9.90E-06	1YrCancerR	9.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	364665	3768086	9.72E-06	1YrCancerR	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	364679.3	3768098	9.19E-06	1YrCancerR	9.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	364693.5	3768111	8.69E-06	1YrCancerR	8.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	364723	3768107	1.44E-05	1YrCancerR	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	364734.2	3768092	2.61E-05	1YrCancerR	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	364745.4	3768076	4.53E-05	1YrCancerR	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	364756.6	3768060	5.48E-05	1YrCancerR	5.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	364767.8	3768044	4.49E-05	1YrCancerR	4.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	364779.1	3768028	3.30E-05	1YrCancerR	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	364790.3	3768013	1.85E-05	1YrCancerR	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	364801.5	3767997	1.02E-05	1YrCancerR	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	364803.8	3767975	6.98E-06	1YrCancerR	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	364780.5	3767952	7.12E-06	1YrCancerR	7.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	364764.9	3767941	7.14E-06	1YrCancerR	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	364749.3	3767930	6.96E-06	1YrCancerR	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	364733.6	3767919	6.86E-06	1YrCancerR	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	364718	3767908	6.96E-06	1YrCancerR	6.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	364702.3	3767897	6.94E-06	1YrCancerR	6.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	364686.7	3767885	6.43E-06	1YrCancerR	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	364667.3	3767883	6.86E-06	1YrCancerR	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	364642.5	3767904	1.21E-05	1YrCancerR	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	364629.7	3767918	1.49E-05	1YrCancerR	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	364616.9	3767932	1.47E-05	1YrCancerR	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	364604	3767946	1.23E-05	1YrCancerR	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	364591.2	3767960	9.46E-06	1YrCancerR	9.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	364578.4	3767974	7.05E-06	1YrCancerR	7.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	364565.6	3767988	5.23E-06	1YrCancerR	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	364595	3768046	5.49E-06	1YrCancerR	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	364621.1	3768021	1.21E-05	1YrCancerR	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	364706.7	3768096	1.57E-05	1YrCancerR	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	364785.2	3767985	1.21E-05	1YrCancerR	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	364786	3767982	1.12E-05	1YrCancerR	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	364784.6	3767979	1.10E-05	1YrCancerR	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	364675.1	3767902	1.11E-05	1YrCancerR	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	364670.1	3767904	1.24E-05	1YrCancerR	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	364567.5	3768016	4.65E-06	1YrCancerR	4.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	364567.7	3768022	4.47E-06	1YrCancerR	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 2/25/2020 9:07:21 AM - Chronic Risk - Input File: C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_UnMit\hra\ArcadiaWTP_Con_Unmit_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		363650	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
2	ALL		363750	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-05
3	ALL		363850	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-05
4	ALL		363950	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
5	ALL		364050	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
6	ALL		364150	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05
7	ALL		364250	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
8	ALL		364350	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
9	ALL		364450	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
10	ALL		364550	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
11	ALL		364650	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05
12	ALL		364750	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-05
13	ALL		364850	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05
14	ALL		364950	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05
15	ALL		365050	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05
16	ALL		365150	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
17	ALL		365250	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
18	ALL		365350	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
19	ALL		365450	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-05
20	ALL		365550	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-05
21	ALL		365650	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05
22	ALL		363650	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-05
23	ALL		363750	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
24	ALL		363850	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-05
25	ALL		363950	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05
26	ALL		364050	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-05
27	ALL		364150	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
28	ALL		364250	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-05
29	ALL		364350	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05
30	ALL		364450	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-05
31	ALL		364550	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05
32	ALL		364650	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
33	ALL		364750	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05
34	ALL		364850	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-05
35	ALL		364950	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-05
36	ALL		365050	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-05
37	ALL		365150	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
38	ALL		365250	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-05
39	ALL		365350	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
40	ALL		365450	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
41	ALL		365550	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
42	ALL		365650	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05
43	ALL		363650	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-05
44	ALL		363750	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
45	ALL		363850	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-05
46	ALL		363950	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05
47	ALL		364050	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
48	ALL		364150	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
49	ALL		364250	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
50	ALL		364350	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
51	ALL		364450	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
52	ALL		364550	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-05
53	ALL		364650	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
54	ALL		364750	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05
55	ALL		364850	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
56	ALL		364950	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
57	ALL		365050	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05
58	ALL		365150	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05
59	ALL		365250	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
60	ALL		365350	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
61	ALL		365450	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05
62	ALL		365550	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
63	ALL		365650	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
64	ALL		363650	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
65	ALL		363750	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-05
66	ALL		363850	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-05
67	ALL		363950	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-05
68	ALL		364050	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05
69	ALL		364150	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05
70	ALL		364250	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
71	ALL		364350	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
72	ALL		364450	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
73	ALL		364550	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
74	ALL		364650	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
75	ALL		364750	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
76	ALL		364850	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
77	ALL		364950	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
78	ALL		365050	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
79	ALL		365150	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
80	ALL		365250	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
81	ALL		365350	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
82	ALL		365450	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
83	ALL		365550	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
84	ALL		365650	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-05
85	ALL		363650	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-05
86	ALL		363750	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-05
87	ALL		363850	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
88	ALL		363950	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
89	ALL		364050	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
90	ALL		364150	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
91	ALL		364250	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
92	ALL		364350	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
93	ALL		364450	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
94	ALL		364550	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
95	ALL		364650	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
96	ALL		364750	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
97	ALL		364850	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04

100	ALL	365150	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
101	ALL	365250	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
102	ALL	365350	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-05
103	ALL	365450	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-05
104	ALL	365550	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
105	ALL	365650	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05
106	ALL	363650	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05
107	ALL	363750	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-05
108	ALL	363850	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
109	ALL	363950	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-05
110	ALL	364050	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
111	ALL	364150	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
112	ALL	364250	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
113	ALL	364350	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
114	ALL	364450	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
115	ALL	364550	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
116	ALL	364650	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
117	ALL	364750	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
118	ALL	364850	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
119	ALL	364950	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
120	ALL	365050	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
121	ALL	365150	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
122	ALL	365250	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05
123	ALL	365350	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05
124	ALL	365450	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
125	ALL	365550	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05
126	ALL	365650	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-05
127	ALL	363650	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-05
128	ALL	363750	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
129	ALL	363850	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
130	ALL	363950	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
131	ALL	364050	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
132	ALL	364150	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
133	ALL	364250	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
134	ALL	364350	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
135	ALL	364450	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
136	ALL	364550	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
137	ALL	364650	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
138	ALL	364750	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
139	ALL	364850	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
140	ALL	364950	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
141	ALL	365050	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
142	ALL	365150	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
143	ALL	365250	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
144	ALL	365350	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
145	ALL	365450	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
146	ALL	365550	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05
147	ALL	365650	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
148	ALL	363650	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
149	ALL	363750	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05
150	ALL	363850	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
151	ALL	363950	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
152	ALL	364050	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
153	ALL	364150	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
154	ALL	364250	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
155	ALL	364350	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
156	ALL	364450	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
157	ALL	364550	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
158	ALL	364650	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
159	ALL	364750	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-04
160	ALL	364850	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
161	ALL	364950	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
162	ALL	365050	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
163	ALL	365150	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
164	ALL	365250	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
165	ALL	365350	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-05
166	ALL	365450	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
167	ALL	365550	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
168	ALL	365650	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05
169	ALL	363650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
170	ALL	363750	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
171	ALL	363850	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
172	ALL	363950	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
173	ALL	364050	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
174	ALL	364150	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
175	ALL	364250	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
176	ALL	364350	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
177	ALL	364450	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04
178	ALL	364550	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
179	ALL	364650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
180	ALL	364750	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
181	ALL	364850	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
182	ALL	364950	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
183	ALL	365050	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
184	ALL	365150	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
185	ALL	365250	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
186	ALL	365350	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
187	ALL	365450	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
188	ALL	365550	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05
189	ALL	365650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-05
190	ALL	363650	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05
191	ALL	363750	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-05
192	ALL	363850	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
193	ALL	363950	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
194	ALL	364050	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
195	ALL	364150	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
196	ALL	364250	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
197	ALL	364350	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
198	ALL	364450	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

201	ALL	364750	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
202	ALL	364850	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
203	ALL	364950	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
204	ALL	365050	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
205	ALL	365150	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
206	ALL	365250	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
207	ALL	365350	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
208	ALL	365450	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05
209	ALL	365550	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-05
210	ALL	365650	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-05
211	ALL	363650	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-05
212	ALL	363750	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
213	ALL	363850	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
214	ALL	363950	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
215	ALL	364050	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
216	ALL	364150	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
217	ALL	364250	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
218	ALL	364350	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
219	ALL	364450	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
220	ALL	364850	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
221	ALL	364950	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
222	ALL	365050	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
223	ALL	365150	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
224	ALL	365250	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
225	ALL	365350	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
226	ALL	365450	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
227	ALL	365550	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
228	ALL	365650	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
229	ALL	363650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-05
230	ALL	363750	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
231	ALL	363850	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05
232	ALL	363950	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
233	ALL	364050	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
234	ALL	364150	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
235	ALL	364250	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
236	ALL	364350	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
237	ALL	364450	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
238	ALL	364550	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
239	ALL	364650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-03
240	ALL	364750	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02
241	ALL	364850	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
242	ALL	364950	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
243	ALL	365050	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
244	ALL	365150	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
245	ALL	365250	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
246	ALL	365350	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
247	ALL	365450	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
248	ALL	365550	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
249	ALL	365650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
250	ALL	363650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05
251	ALL	363750	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-05
252	ALL	363850	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05
253	ALL	363950	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
254	ALL	364050	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
255	ALL	364150	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
256	ALL	364250	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
257	ALL	364350	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
258	ALL	364450	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
259	ALL	364550	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
260	ALL	364650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
261	ALL	364750	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
262	ALL	364850	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
263	ALL	364950	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
264	ALL	365050	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
265	ALL	365150	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
266	ALL	365250	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04
267	ALL	365350	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
268	ALL	365450	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
269	ALL	365550	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
270	ALL	365650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
271	ALL	363650	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
272	ALL	363750	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-05
273	ALL	363850	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-05
274	ALL	363950	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
275	ALL	364050	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
276	ALL	364150	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
277	ALL	364250	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
278	ALL	364350	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
279	ALL	364450	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
280	ALL	364550	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
281	ALL	364650	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
282	ALL	364750	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
283	ALL	364850	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
284	ALL	364950	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
285	ALL	365050	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
286	ALL	365150	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
287	ALL	365250	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
288	ALL	365350	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
289	ALL	365450	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
290	ALL	365550	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
291	ALL	365650	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
292	ALL	363650	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
293	ALL	363750	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
294	ALL	363850	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05
295	ALL	363950	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
296	ALL	364050	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-05
297	ALL	364150	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
298	ALL	364250	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
299	ALL	364350	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

302	ALL	364650	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
303	ALL	364750	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
304	ALL	364850	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
305	ALL	364950	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
306	ALL	365050	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
307	ALL	365150	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-04
308	ALL	365250	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
309	ALL	365350	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
310	ALL	365450	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
311	ALL	365550	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
312	ALL	365650	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
313	ALL	363650	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
314	ALL	363750	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
315	ALL	363850	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
316	ALL	363950	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
317	ALL	364050	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05
318	ALL	364150	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-05
319	ALL	364250	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
320	ALL	364350	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
321	ALL	364450	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
322	ALL	364550	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
323	ALL	364650	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
324	ALL	364750	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
325	ALL	364850	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
326	ALL	364950	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
327	ALL	365050	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
328	ALL	365150	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
329	ALL	365250	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
330	ALL	365350	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
331	ALL	365450	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
332	ALL	365550	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
333	ALL	365650	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
334	ALL	363650	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-05
335	ALL	363750	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-05
336	ALL	363850	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-05
337	ALL	363950	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05
338	ALL	364050	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-05
339	ALL	364150	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
340	ALL	364250	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-05
341	ALL	364350	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
342	ALL	364450	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
343	ALL	364550	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
344	ALL	364650	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
345	ALL	364750	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
346	ALL	364850	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
347	ALL	364950	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
348	ALL	365050	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
349	ALL	365150	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
350	ALL	365250	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
351	ALL	365350	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
352	ALL	365450	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
353	ALL	365550	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
354	ALL	365650	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
355	ALL	363650	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-05
356	ALL	363750	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05
357	ALL	363850	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
358	ALL	363950	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
359	ALL	364050	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
360	ALL	364150	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-05
361	ALL	364250	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-05
362	ALL	364350	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
363	ALL	364450	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05
364	ALL	364550	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05
365	ALL	364650	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
366	ALL	364750	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
367	ALL	364850	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
368	ALL	364950	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
369	ALL	365050	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
370	ALL	365150	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
371	ALL	365250	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
372	ALL	365350	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
373	ALL	365450	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
374	ALL	365550	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
375	ALL	365650	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
376	ALL	363650	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
377	ALL	363750	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05
378	ALL	363850	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-05
379	ALL	363950	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
380	ALL	364050	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
381	ALL	364150	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05
382	ALL	364250	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
383	ALL	364350	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05
384	ALL	364450	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
385	ALL	364550	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
386	ALL	364650	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05
387	ALL	364750	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
388	ALL	364850	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
389	ALL	364950	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
390	ALL	365050	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
391	ALL	365150	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
392	ALL	365250	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
393	ALL	365350	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-04
394	ALL	365450	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
395	ALL	365550	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
396	ALL	365650	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
397	ALL	363650	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
398	ALL	363750	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
399	ALL	363850	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-05
400	ALL	363950	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

403	ALL	364250	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
404	ALL	364350	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-05
405	ALL	364450	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05
406	ALL	364550	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-05
407	ALL	364650	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-05
408	ALL	364750	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05
409	ALL	364850	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05
410	ALL	364950	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
411	ALL	365050	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
412	ALL	365150	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
413	ALL	365250	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
414	ALL	365350	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
415	ALL	365450	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
416	ALL	365550	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
417	ALL	365650	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
418	ALL	363650	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
419	ALL	363750	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-05
420	ALL	363850	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05
421	ALL	363950	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
422	ALL	364050	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
423	ALL	364150	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
424	ALL	364250	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
425	ALL	364350	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-05
426	ALL	364450	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-05
427	ALL	364550	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05
428	ALL	364650	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-05
429	ALL	364750	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-05
430	ALL	364850	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
431	ALL	364950	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05
432	ALL	365050	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
433	ALL	365150	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05
434	ALL	365250	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
435	ALL	365350	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
436	ALL	365450	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
437	ALL	365550	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
438	ALL	365650	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
439	ALL	364450	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
440	ALL	364475	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04
441	ALL	364500	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
442	ALL	364525	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
443	ALL	364550	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
444	ALL	364575	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04
445	ALL	364600	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
446	ALL	364625	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
447	ALL	364650	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
448	ALL	364675	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
449	ALL	364700	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
450	ALL	364725	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
451	ALL	364750	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04
452	ALL	364775	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04
453	ALL	364800	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
454	ALL	364825	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
455	ALL	364850	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
456	ALL	364875	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
457	ALL	364900	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
458	ALL	364925	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
459	ALL	364950	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
460	ALL	364450	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04
461	ALL	364475	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04
462	ALL	364500	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-04
463	ALL	364525	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
464	ALL	364550	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
465	ALL	364575	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
466	ALL	364600	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
467	ALL	364625	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
468	ALL	364650	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
469	ALL	364675	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
470	ALL	364700	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
471	ALL	364725	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
472	ALL	364750	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
473	ALL	364775	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
474	ALL	364800	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
475	ALL	364825	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-04
476	ALL	364850	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
477	ALL	364875	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
478	ALL	364900	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
479	ALL	364925	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
480	ALL	364950	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
481	ALL	364450	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-04
482	ALL	364475	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
483	ALL	364500	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
484	ALL	364525	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
485	ALL	364550	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
486	ALL	364575	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
487	ALL	364600	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
488	ALL	364625	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
489	ALL	364650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
490	ALL	364675	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
491	ALL	364700	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
492	ALL	364725	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
493	ALL	364750	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
494	ALL	364775	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
495	ALL	364800	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
496	ALL	364825	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04
497	ALL	364850	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-04
498	ALL	364875	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
499	ALL	364900	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
500	ALL	364925	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
501	ALL	364950	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

504	ALL	364500	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
505	ALL	364525	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
506	ALL	364550	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
507	ALL	364575	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
508	ALL	364600	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
509	ALL	364625	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
510	ALL	364650	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
511	ALL	364675	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
512	ALL	364700	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
513	ALL	364725	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
514	ALL	364750	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
515	ALL	364775	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
516	ALL	364800	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
517	ALL	364825	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
518	ALL	364850	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
519	ALL	364875	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-04
520	ALL	364900	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
521	ALL	364925	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
522	ALL	364950	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
523	ALL	364450	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
524	ALL	364475	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
525	ALL	364500	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
526	ALL	364525	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
527	ALL	364550	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
528	ALL	364575	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
529	ALL	364600	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
530	ALL	364625	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-03
531	ALL	364650	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
532	ALL	364675	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
533	ALL	364700	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
534	ALL	364725	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
535	ALL	364750	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
536	ALL	364775	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
537	ALL	364800	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
538	ALL	364825	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
539	ALL	364850	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
540	ALL	364875	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
541	ALL	364900	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
542	ALL	364925	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
543	ALL	364950	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
544	ALL	364450	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
545	ALL	364475	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
546	ALL	364500	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
547	ALL	364525	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
548	ALL	364550	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
549	ALL	364575	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
550	ALL	364600	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
551	ALL	364625	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-03
552	ALL	364650	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-03
553	ALL	364675	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-03
554	ALL	364700	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
555	ALL	364725	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03
556	ALL	364750	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
557	ALL	364775	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
558	ALL	364800	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
559	ALL	364825	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
560	ALL	364850	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
561	ALL	364875	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
562	ALL	364900	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
563	ALL	364925	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
564	ALL	364950	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
565	ALL	364450	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
566	ALL	364475	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
567	ALL	364500	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
568	ALL	364525	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
569	ALL	364550	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
570	ALL	364575	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
571	ALL	364600	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-03
572	ALL	364625	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-03
573	ALL	364650	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
574	ALL	364700	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-03
575	ALL	364725	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
576	ALL	364750	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-03
577	ALL	364775	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
578	ALL	364800	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
579	ALL	364825	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
580	ALL	364850	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
581	ALL	364875	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
582	ALL	364900	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
583	ALL	364925	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
584	ALL	364950	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
585	ALL	364450	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
586	ALL	364475	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
587	ALL	364500	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
588	ALL	364525	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
589	ALL	364550	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
590	ALL	364575	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-03
591	ALL	364600	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-03
592	ALL	364625	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
593	ALL	364675	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02
594	ALL	364700	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
595	ALL	364750	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-03
596	ALL	364775	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-03
597	ALL	364800	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
598	ALL	364825	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
599	ALL	364850	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
600	ALL	364875	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
601	ALL	364900	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
602	ALL	364925	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

605	ALL	364475	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
606	ALL	364500	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
607	ALL	364525	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
608	ALL	364550	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
609	ALL	364575	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-03
610	ALL	364600	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
611	ALL	364775	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-03
612	ALL	364800	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-03
613	ALL	364825	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-03
614	ALL	364850	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
615	ALL	364875	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
616	ALL	364900	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
617	ALL	364925	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
618	ALL	364950	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
619	ALL	364450	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
620	ALL	364475	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
621	ALL	364500	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
622	ALL	364525	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
623	ALL	364550	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
624	ALL	364575	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-03
625	ALL	364825	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-03
626	ALL	364850	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
627	ALL	364875	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
628	ALL	364900	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
629	ALL	364925	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
630	ALL	364950	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
631	ALL	364450	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
632	ALL	364475	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
633	ALL	364500	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
634	ALL	364525	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
635	ALL	364800	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
636	ALL	364825	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-03
637	ALL	364850	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
638	ALL	364875	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
639	ALL	364900	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
640	ALL	364925	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
641	ALL	364950	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
642	ALL	364450	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
643	ALL	364475	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
644	ALL	364500	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
645	ALL	364525	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
646	ALL	364800	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
647	ALL	364825	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
648	ALL	364850	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-03
649	ALL	364875	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-03
650	ALL	364900	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
651	ALL	364925	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
652	ALL	364950	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
653	ALL	364450	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
654	ALL	364475	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
655	ALL	364500	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
656	ALL	364525	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
657	ALL	364550	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
658	ALL	364600	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03
659	ALL	364625	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-03
660	ALL	364775	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02
661	ALL	364800	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
662	ALL	364825	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-02
663	ALL	364850	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-03
664	ALL	364875	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-03
665	ALL	364900	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-03
666	ALL	364925	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
667	ALL	364950	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
668	ALL	364450	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
669	ALL	364475	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
670	ALL	364500	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
671	ALL	364525	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
672	ALL	364550	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
673	ALL	364575	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
674	ALL	364625	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03
675	ALL	364650	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-02
676	ALL	364750	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
677	ALL	364775	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
678	ALL	364800	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-02
679	ALL	364825	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
680	ALL	364850	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
681	ALL	364875	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-03
682	ALL	364900	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
683	ALL	364925	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03
684	ALL	364950	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
685	ALL	364450	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
686	ALL	364475	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
687	ALL	364500	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
688	ALL	364525	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
689	ALL	364550	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
690	ALL	364575	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
691	ALL	364600	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
692	ALL	364650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-03
693	ALL	364675	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-03
694	ALL	364725	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-02
695	ALL	364750	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02
696	ALL	364775	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-02
697	ALL	364800	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-02
698	ALL	364825	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02
699	ALL	364850	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-02
700	ALL	364875	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-03
701	ALL	364900	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
702	ALL	364925	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-03
703	ALL	364950	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

706	ALL	364500	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
707	ALL	364525	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
708	ALL	364550	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
709	ALL	364575	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
710	ALL	364600	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
711	ALL	364625	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-03
712	ALL	364675	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
713	ALL	364700	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-03
714	ALL	364725	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-02
715	ALL	364750	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
716	ALL	364775	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02
717	ALL	364800	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-02
718	ALL	364825	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02
719	ALL	364850	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-03
720	ALL	364875	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-03
721	ALL	364900	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-03
722	ALL	364925	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-03
723	ALL	364950	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-03
724	ALL	364450	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04
725	ALL	364475	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-04
726	ALL	364500	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
727	ALL	364525	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
728	ALL	364550	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
729	ALL	364575	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
730	ALL	364600	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
731	ALL	364625	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-03
732	ALL	364650	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
733	ALL	364700	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
734	ALL	364725	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03
735	ALL	364750	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-03
736	ALL	364775	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-03
737	ALL	364800	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-03
738	ALL	364825	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-03
739	ALL	364850	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-03
740	ALL	364875	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-03
741	ALL	364900	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
742	ALL	364925	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
743	ALL	364950	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-03
744	ALL	364450	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
745	ALL	364475	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04
746	ALL	364500	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
747	ALL	364525	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
748	ALL	364550	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
749	ALL	364575	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
750	ALL	364600	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
751	ALL	364625	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
752	ALL	364650	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
753	ALL	364675	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
754	ALL	364700	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03
755	ALL	364725	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03
756	ALL	364750	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-03
757	ALL	364775	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-03
758	ALL	364800	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
759	ALL	364825	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-03
760	ALL	364850	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-03
761	ALL	364875	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
762	ALL	364900	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-03
763	ALL	364925	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
764	ALL	364950	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
765	ALL	364450	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
766	ALL	364475	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04
767	ALL	364500	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
768	ALL	364525	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
769	ALL	364550	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
770	ALL	364575	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
771	ALL	364600	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
772	ALL	364625	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
773	ALL	364650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
774	ALL	364675	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
775	ALL	364700	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
776	ALL	364725	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
777	ALL	364750	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
778	ALL	364775	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03
779	ALL	364800	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-03
780	ALL	364825	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03
781	ALL	364850	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
782	ALL	364875	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
783	ALL	364900	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-03
784	ALL	364925	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
785	ALL	364950	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
786	ALL	364450	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04
787	ALL	364475	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
788	ALL	364500	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
789	ALL	364525	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
790	ALL	364550	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
791	ALL	364575	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-04
792	ALL	364600	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
793	ALL	364625	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
794	ALL	364650	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
795	ALL	364675	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
796	ALL	364700	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
797	ALL	364725	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
798	ALL	364750	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
799	ALL	364775	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03
800	ALL	364800	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
801	ALL	364825	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
802	ALL	364850	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-03
803	ALL	364875	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
804	ALL	364900	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

807	ALL	364450	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
808	ALL	364475	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
809	ALL	364500	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
810	ALL	364525	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
811	ALL	364550	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
812	ALL	364575	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
813	ALL	364600	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
814	ALL	364625	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
815	ALL	364650	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
816	ALL	364675	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
817	ALL	364700	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
818	ALL	364725	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
819	ALL	364750	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
820	ALL	364775	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
821	ALL	364800	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
822	ALL	364825	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
823	ALL	364850	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
824	ALL	364875	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-03
825	ALL	364900	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
826	ALL	364925	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
827	ALL	364950	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
828	ALL	364699.9	3767936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-02
829	ALL	364607.9	3768036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-03
830	ALL	364622.2	3768049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-03
831	ALL	364636.5	3768061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
832	ALL	364650.7	3768074	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-02
833	ALL	364665	3768086	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-02
834	ALL	364679.3	3768098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
835	ALL	364693.5	3768111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-03
836	ALL	364723	3768107	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-02
837	ALL	364734.2	3768092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
838	ALL	364745.4	3768076	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02
839	ALL	364756.6	3768060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-02
840	ALL	364767.8	3768044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02
841	ALL	364779.1	3768028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02
842	ALL	364790.3	3768013	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-02
843	ALL	364801.5	3767997	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
844	ALL	364803.8	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03
845	ALL	364780.5	3767952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
846	ALL	364764.9	3767941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-03
847	ALL	364749.3	3767930	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-03
848	ALL	364733.6	3767919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-03
849	ALL	364718	3767908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-03
850	ALL	364702.3	3767897	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-03
851	ALL	364686.7	3767885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-03
852	ALL	364667.3	3767883	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03
853	ALL	364642.5	3767904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
854	ALL	364629.7	3767918	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02
855	ALL	364616.9	3767932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02
856	ALL	364604	3767946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
857	ALL	364591.2	3767960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
858	ALL	364578.4	3767974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-03
859	ALL	364565.6	3767988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
860	ALL	364595	3768046	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
861	ALL	364621.1	3768021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
862	ALL	364706.7	3768096	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02
863	ALL	364785.2	3767985	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
864	ALL	364786	3767982	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
865	ALL	364784.6	3767979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
866	ALL	364675.1	3767902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02
867	ALL	364670.1	3767904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-02
868	ALL	364567.5	3768016	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
869	ALL	364567.7	3768022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-03

HARP2 - HRACalc (dated 19044) 2/25/2020 9:10:12 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_CancerRisk.csv
Cancer risk total by receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_NCChronicRisk.csv
Chronic risk total by receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_NCAcuteRisk.csv
Acute risk total by receptor saved to:
C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_NCAcuteRiskSumByRec.csv
HRA ran successfully

*HARP - HRACalc v19044 2/25/2020 9:10:12 AM - Cancer Risk - Input File: C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		363650	3767000	3.43E-09	1YrCancerR	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		363750	3767000	3.65E-09	1YrCancerR	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		363850	3767000	3.89E-09	1YrCancerR	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		363950	3767000	4.16E-09	1YrCancerR	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		364050	3767000	4.43E-09	1YrCancerR	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		364150	3767000	4.70E-09	1YrCancerR	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		364250	3767000	4.93E-09	1YrCancerR	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		364350	3767000	5.12E-09	1YrCancerR	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		364450	3767000	5.26E-09	1YrCancerR	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		364550	3767000	5.35E-09	1YrCancerR	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		364650	3767000	5.37E-09	1YrCancerR	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		364750	3767000	5.27E-09	1YrCancerR	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		364850	3767000	5.06E-09	1YrCancerR	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		364950	3767000	4.73E-09	1YrCancerR	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		365050	3767000	4.35E-09	1YrCancerR	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		365150	3767000	3.97E-09	1YrCancerR	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		365250	3767000	3.60E-09	1YrCancerR	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		365350	3767000	3.26E-09	1YrCancerR	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		365450	3767000	2.96E-09	1YrCancerR	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		365550	3767000	2.69E-09	1YrCancerR	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		365650	3767000	2.45E-09	1YrCancerR	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		363650	3767100	3.81E-09	1YrCancerR	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		363750	3767100	4.10E-09	1YrCancerR	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		363850	3767100	4.41E-09	1YrCancerR	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		363950	3767100	4.76E-09	1YrCancerR	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		364050	3767100	5.14E-09	1YrCancerR	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		364150	3767100	5.52E-09	1YrCancerR	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		364250	3767100	5.88E-09	1YrCancerR	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		364350	3767100	6.18E-09	1YrCancerR	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		364450	3767100	6.41E-09	1YrCancerR	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		364550	3767100	6.55E-09	1YrCancerR	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		364650	3767100	6.58E-09	1YrCancerR	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		364750	3767100	6.46E-09	1YrCancerR	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		364850	3767100	6.14E-09	1YrCancerR	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		364950	3767100	5.66E-09	1YrCancerR	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		365050	3767100	5.13E-09	1YrCancerR	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		365150	3767100	4.60E-09	1YrCancerR	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		365250	3767100	4.12E-09	1YrCancerR	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		365350	3767100	3.68E-09	1YrCancerR	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		365450	3767100	3.30E-09	1YrCancerR	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		365550	3767100	2.96E-09	1YrCancerR	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		365650	3767100	2.68E-09	1YrCancerR	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		363650	3767200	4.21E-09	1YrCancerR	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		363750	3767200	4.60E-09	1YrCancerR	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		363850	3767200	5.03E-09	1YrCancerR	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		363950	3767200	5.51E-09	1YrCancerR	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		364050	3767200	6.01E-09	1YrCancerR	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		364150	3767200	6.58E-09	1YrCancerR	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		364250	3767200	7.11E-09	1YrCancerR	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		364350	3767200	7.61E-09	1YrCancerR	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		364450	3767200	8.00E-09	1YrCancerR	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		364550	3767200	8.24E-09	1YrCancerR	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		364650	3767200	8.31E-09	1YrCancerR	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		364750	3767200	8.09E-09	1YrCancerR	8.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		364850	3767200	7.62E-09	1YrCancerR	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		364950	3767200	6.92E-09	1YrCancerR	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		365050	3767200	6.15E-09	1YrCancerR	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		365150	3767200	5.40E-09	1YrCancerR	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		365250	3767200	4.75E-09	1YrCancerR	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		365350	3767200	4.18E-09	1YrCancerR	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		365450	3767200	3.69E-09	1YrCancerR	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		365550	3767200	3.28E-09	1YrCancerR	3.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		365650	3767200	2.93E-09	1YrCancerR	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		363650	3767300	4.63E-09	1YrCancerR	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		363750	3767300	5.14E-09	1YrCancerR	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		363850	3767300	5.75E-09	1YrCancerR	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		363950	3767300	6.42E-09	1YrCancerR	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		364050	3767300	7.16E-09	1YrCancerR	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		364150	3767300	7.97E-09	1YrCancerR	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		364250	3767300	8.82E-09	1YrCancerR	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		364350	3767300	9.60E-09	1YrCancerR	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		364450	3767300	1.03E-08	1YrCancerR	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		364550	3767300	1.07E-08	1YrCancerR	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		364650	3767300	1.08E-08	1YrCancerR	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		364750	3767300	1.06E-08	1YrCancerR	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		364850	3767300	9.76E-09	1YrCancerR	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		364950	3767300	8.65E-09	1YrCancerR	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		365050	3767300	7.50E-09	1YrCancerR	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		365150	3767300	6.43E-09	1YrCancerR	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		365250	3767300	5.53E-09	1YrCancerR	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		365350	3767300	4.78E-09	1YrCancerR	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		365450	3767300	4.15E-09	1YrCancerR	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		365550	3767300	3.63E-09	1YrCancerR	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		365650	3767300	3.20E-09	1YrCancerR	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		363650	3767400	5.06E-09	1YrCancerR	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		363750	3767400	5.73E-09	1YrCancerR	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		363850	3767400	6.53E-09	1YrCancerR	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		363950	3767400	7.49E-09	1YrCancerR	7.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

89	ALL	364050	3767400	8.59E-09	1YrCancerF	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	364150	3767400	9.84E-09	1YrCancerF	9.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	364250	3767400	1.12E-08	1YrCancerF	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	364350	3767400	1.25E-08	1YrCancerF	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	364450	3767400	1.37E-08	1YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	364550	3767400	1.46E-08	1YrCancerF	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	364650	3767400	1.49E-08	1YrCancerF	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	364750	3767400	1.44E-08	1YrCancerF	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	364850	3767400	1.30E-08	1YrCancerF	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	364950	3767400	1.11E-08	1YrCancerF	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	365050	3767400	9.33E-09	1YrCancerF	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	365150	3767400	7.77E-09	1YrCancerF	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	365250	3767400	6.50E-09	1YrCancerF	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	365350	3767400	5.48E-09	1YrCancerF	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	365450	3767400	4.67E-09	1YrCancerF	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	365550	3767400	4.02E-09	1YrCancerF	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	365650	3767400	3.50E-09	1YrCancerF	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	363650	3767500	5.46E-09	1YrCancerF	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	363750	3767500	6.31E-09	1YrCancerF	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	363850	3767500	7.35E-09	1YrCancerF	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	363950	3767500	8.65E-09	1YrCancerF	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	364050	3767500	1.03E-08	1YrCancerF	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	364150	3767500	1.22E-08	1YrCancerF	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	364250	3767500	1.45E-08	1YrCancerF	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	364350	3767500	1.68E-08	1YrCancerF	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	364450	3767500	1.92E-08	1YrCancerF	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	364550	3767500	2.11E-08	1YrCancerF	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	364650	3767500	2.18E-08	1YrCancerF	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	364750	3767500	2.07E-08	1YrCancerF	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	364850	3767500	1.81E-08	1YrCancerF	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	364950	3767500	1.48E-08	1YrCancerF	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	365050	3767500	1.19E-08	1YrCancerF	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	365150	3767500	9.50E-09	1YrCancerF	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	365250	3767500	7.70E-09	1YrCancerF	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	365350	3767500	6.32E-09	1YrCancerF	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	365450	3767500	5.26E-09	1YrCancerF	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	365550	3767500	4.46E-09	1YrCancerF	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	365650	3767500	3.81E-09	1YrCancerF	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	363650	3767600	5.81E-09	1YrCancerF	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	363750	3767600	6.81E-09	1YrCancerF	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	363850	3767600	8.11E-09	1YrCancerF	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	363950	3767600	9.81E-09	1YrCancerF	9.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	364050	3767600	1.20E-08	1YrCancerF	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	364150	3767600	1.50E-08	1YrCancerF	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	364250	3767600	1.88E-08	1YrCancerF	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	364350	3767600	2.33E-08	1YrCancerF	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	364450	3767600	2.86E-08	1YrCancerF	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	364550	3767600	3.31E-08	1YrCancerF	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	364650	3767600	3.51E-08	1YrCancerF	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	364750	3767600	3.26E-08	1YrCancerF	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	364850	3767600	2.68E-08	1YrCancerF	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	364950	3767600	2.05E-08	1YrCancerF	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	365050	3767600	1.55E-08	1YrCancerF	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	365150	3767600	1.18E-08	1YrCancerF	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	365250	3767600	9.14E-09	1YrCancerF	9.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	365350	3767600	7.25E-09	1YrCancerF	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	365450	3767600	5.91E-09	1YrCancerF	5.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	365550	3767600	4.91E-09	1YrCancerF	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	365650	3767600	4.15E-09	1YrCancerF	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	363650	3767700	6.02E-09	1YrCancerF	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	363750	3767700	7.15E-09	1YrCancerF	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	363850	3767700	8.96E-09	1YrCancerF	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	363950	3767700	1.08E-08	1YrCancerF	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	364050	3767700	1.37E-08	1YrCancerF	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	364150	3767700	1.80E-08	1YrCancerF	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	364250	3767700	2.41E-08	1YrCancerF	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	364350	3767700	3.30E-08	1YrCancerF	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	364450	3767700	4.52E-08	1YrCancerF	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	364550	3767700	5.84E-08	1YrCancerF	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	364650	3767700	6.59E-08	1YrCancerF	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	364750	3767700	5.90E-08	1YrCancerF	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	364850	3767700	4.32E-08	1YrCancerF	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	364950	3767700	2.96E-08	1YrCancerF	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	365050	3767700	2.04E-08	1YrCancerF	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	365150	3767700	1.46E-08	1YrCancerF	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	365250	3767700	1.08E-08	1YrCancerF	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	365350	3767700	8.31E-09	1YrCancerF	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	365450	3767700	6.61E-09	1YrCancerF	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	365550	3767700	5.39E-09	1YrCancerF	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	365650	3767700	4.50E-09	1YrCancerF	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	363650	3767800	6.52E-09	1YrCancerF	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	363750	3767800	8.17E-09	1YrCancerF	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	363850	3767800	1.02E-08	1YrCancerF	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	363950	3767800	1.30E-08	1YrCancerF	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	364050	3767800	1.58E-08	1YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	364150	3767800	2.05E-08	1YrCancerF	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	364250	3767800	2.97E-08	1YrCancerF	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	364350	3767800	4.54E-08	1YrCancerF	4.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	364450	3767800	7.41E-08	1YrCancerF	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	364550	3767800	1.23E-07	1YrCancerF	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

179	ALL	364650	3767800	1.67E-07	1YrCancerF	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	364750	3767800	1.31E-07	1YrCancerF	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	364850	3767800	7.67E-08	1YrCancerF	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	364950	3767800	4.41E-08	1YrCancerF	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	365050	3767800	2.71E-08	1YrCancerF	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	365150	3767800	1.80E-08	1YrCancerF	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	365250	3767800	1.28E-08	1YrCancerF	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	365350	3767800	9.52E-09	1YrCancerF	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	365450	3767800	7.42E-09	1YrCancerF	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	365550	3767800	5.97E-09	1YrCancerF	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	365650	3767800	4.91E-09	1YrCancerF	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	363650	3767900	6.12E-09	1YrCancerF	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	363750	3767900	7.06E-09	1YrCancerF	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	363850	3767900	8.84E-09	1YrCancerF	8.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	363950	3767900	1.21E-08	1YrCancerF	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	364050	3767900	1.64E-08	1YrCancerF	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	364150	3767900	2.21E-08	1YrCancerF	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	364250	3767900	3.33E-08	1YrCancerF	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	364350	3767900	5.59E-08	1YrCancerF	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	364450	3767900	1.11E-07	1YrCancerF	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	364550	3767900	3.00E-07	1YrCancerF	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	364650	3767900	1.11E-06	1YrCancerF	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	364750	3767900	4.20E-07	1YrCancerF	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	364850	3767900	1.57E-07	1YrCancerF	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	364950	3767900	6.93E-08	1YrCancerF	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	365050	3767900	3.75E-08	1YrCancerF	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	365150	3767900	2.33E-08	1YrCancerF	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	365250	3767900	1.58E-08	1YrCancerF	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	365350	3767900	1.14E-08	1YrCancerF	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	365450	3767900	8.69E-09	1YrCancerF	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	365550	3767900	6.84E-09	1YrCancerF	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	365650	3767900	5.54E-09	1YrCancerF	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	363650	3768000	5.02E-09	1YrCancerF	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	363750	3768000	5.81E-09	1YrCancerF	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	363850	3768000	7.57E-09	1YrCancerF	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	363950	3768000	1.07E-08	1YrCancerF	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	364050	3768000	1.48E-08	1YrCancerF	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	364150	3768000	2.19E-08	1YrCancerF	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	364250	3768000	3.26E-08	1YrCancerF	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	364350	3768000	5.70E-08	1YrCancerF	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	364450	3768000	1.19E-07	1YrCancerF	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	364850	3768000	4.56E-07	1YrCancerF	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	364950	3768000	1.46E-07	1YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	365050	3768000	6.64E-08	1YrCancerF	6.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	365150	3768000	3.69E-08	1YrCancerF	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	365250	3768000	2.30E-08	1YrCancerF	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	365350	3768000	1.57E-08	1YrCancerF	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	365450	3768000	1.13E-08	1YrCancerF	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	365550	3768000	8.57E-09	1YrCancerF	8.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	365650	3768000	6.72E-09	1YrCancerF	6.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	363650	3768100	4.49E-09	1YrCancerF	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	363750	3768100	5.42E-09	1YrCancerF	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	363850	3768100	7.57E-09	1YrCancerF	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	363950	3768100	1.08E-08	1YrCancerF	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	364050	3768100	1.40E-08	1YrCancerF	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	364150	3768100	1.91E-08	1YrCancerF	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	364250	3768100	2.83E-08	1YrCancerF	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	364350	3768100	4.69E-08	1YrCancerF	4.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	364450	3768100	8.96E-08	1YrCancerF	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	364550	3768100	1.98E-07	1YrCancerF	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	364650	3768100	6.02E-07	1YrCancerF	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	364750	3768100	2.26E-06	1YrCancerF	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	364850	3768100	9.81E-07	1YrCancerF	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	364950	3768100	3.22E-07	1YrCancerF	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	365050	3768100	1.33E-07	1YrCancerF	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	365150	3768100	6.82E-08	1YrCancerF	6.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	365250	3768100	3.91E-08	1YrCancerF	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	365350	3768100	2.46E-08	1YrCancerF	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	365450	3768100	1.67E-08	1YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	365550	3768100	1.19E-08	1YrCancerF	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	365650	3768100	8.92E-09	1YrCancerF	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	363650	3768200	4.82E-09	1YrCancerF	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	363750	3768200	6.08E-09	1YrCancerF	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	363850	3768200	7.21E-09	1YrCancerF	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	363950	3768200	8.94E-09	1YrCancerF	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	364050	3768200	1.16E-08	1YrCancerF	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	364150	3768200	1.56E-08	1YrCancerF	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	364250	3768200	2.24E-08	1YrCancerF	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	364350	3768200	3.46E-08	1YrCancerF	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	364450	3768200	5.56E-08	1YrCancerF	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	364550	3768200	8.78E-08	1YrCancerF	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	364650	3768200	1.50E-07	1YrCancerF	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	364750	3768200	3.16E-07	1YrCancerF	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	364850	3768200	4.50E-07	1YrCancerF	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	364950	3768200	3.18E-07	1YrCancerF	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	365050	3768200	1.77E-07	1YrCancerF	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	365150	3768200	9.85E-08	1YrCancerF	9.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	365250	3768200	5.99E-08	1YrCancerF	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	365350	3768200	3.73E-08	1YrCancerF	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	365450	3768200	2.47E-08	1YrCancerF	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

269	ALL	365550	3768200	1.71E-08	1YrCancerF	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	365650	3768200	1.24E-08	1YrCancerF	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	363650	3768300	4.62E-09	1YrCancerF	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	363750	3768300	5.36E-09	1YrCancerF	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	363850	3768300	6.35E-09	1YrCancerF	6.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	363950	3768300	7.69E-09	1YrCancerF	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	364050	3768300	9.65E-09	1YrCancerF	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	364150	3768300	1.26E-08	1YrCancerF	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	364250	3768300	1.71E-08	1YrCancerF	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	364350	3768300	2.37E-08	1YrCancerF	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	364450	3768300	3.23E-08	1YrCancerF	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	364550	3768300	4.31E-08	1YrCancerF	4.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	364650	3768300	6.56E-08	1YrCancerF	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	364750	3768300	9.96E-08	1YrCancerF	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	364850	3768300	1.59E-07	1YrCancerF	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	364950	3768300	1.78E-07	1YrCancerF	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	365050	3768300	1.45E-07	1YrCancerF	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	365150	3768300	1.02E-07	1YrCancerF	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	365250	3768300	7.14E-08	1YrCancerF	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	365350	3768300	4.74E-08	1YrCancerF	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	365450	3768300	3.22E-08	1YrCancerF	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	365550	3768300	2.29E-08	1YrCancerF	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	365650	3768300	1.67E-08	1YrCancerF	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	363650	3768400	4.13E-09	1YrCancerF	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	363750	3768400	4.72E-09	1YrCancerF	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	363850	3768400	5.47E-09	1YrCancerF	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	363950	3768400	6.50E-09	1YrCancerF	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	364050	3768400	7.94E-09	1YrCancerF	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	364150	3768400	1.01E-08	1YrCancerF	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	364250	3768400	1.31E-08	1YrCancerF	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	364350	3768400	1.66E-08	1YrCancerF	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	364450	3768400	2.02E-08	1YrCancerF	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	364550	3768400	2.48E-08	1YrCancerF	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	364650	3768400	3.42E-08	1YrCancerF	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	364750	3768400	4.61E-08	1YrCancerF	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	364850	3768400	6.94E-08	1YrCancerF	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	364950	3768400	8.83E-08	1YrCancerF	8.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	365050	3768400	9.14E-08	1YrCancerF	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	365150	3768400	8.12E-08	1YrCancerF	8.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	365250	3768400	6.59E-08	1YrCancerF	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	365350	3768400	4.93E-08	1YrCancerF	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	365450	3768400	3.61E-08	1YrCancerF	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	365550	3768400	2.63E-08	1YrCancerF	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	365650	3768400	2.05E-08	1YrCancerF	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	363650	3768500	3.62E-09	1YrCancerF	3.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	363750	3768500	4.08E-09	1YrCancerF	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	363850	3768500	4.69E-09	1YrCancerF	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	363950	3768500	5.41E-09	1YrCancerF	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	364050	3768500	6.55E-09	1YrCancerF	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	364150	3768500	8.19E-09	1YrCancerF	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	364250	3768500	9.92E-09	1YrCancerF	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	364350	3768500	1.13E-08	1YrCancerF	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	364450	3768500	1.32E-08	1YrCancerF	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	364550	3768500	1.62E-08	1YrCancerF	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	364650	3768500	2.06E-08	1YrCancerF	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	364750	3768500	2.64E-08	1YrCancerF	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	364850	3768500	3.58E-08	1YrCancerF	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	364950	3768500	4.74E-08	1YrCancerF	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	365050	3768500	5.44E-08	1YrCancerF	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	365150	3768500	5.61E-08	1YrCancerF	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	365250	3768500	5.18E-08	1YrCancerF	5.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	365350	3768500	4.39E-08	1YrCancerF	4.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	365450	3768500	3.57E-08	1YrCancerF	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	365550	3768500	2.77E-08	1YrCancerF	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	365650	3768500	2.14E-08	1YrCancerF	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	363650	3768600	3.15E-09	1YrCancerF	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	363750	3768600	3.53E-09	1YrCancerF	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	363850	3768600	3.93E-09	1YrCancerF	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	363950	3768600	4.66E-09	1YrCancerF	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	364050	3768600	5.50E-09	1YrCancerF	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	364150	3768600	6.54E-09	1YrCancerF	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	364250	3768600	7.16E-09	1YrCancerF	7.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	364350	3768600	8.13E-09	1YrCancerF	8.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	364450	3768600	9.17E-09	1YrCancerF	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	364550	3768600	1.09E-08	1YrCancerF	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	364650	3768600	1.38E-08	1YrCancerF	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	364750	3768600	1.66E-08	1YrCancerF	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	364850	3768600	2.12E-08	1YrCancerF	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	364950	3768600	2.79E-08	1YrCancerF	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	365050	3768600	3.28E-08	1YrCancerF	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	365150	3768600	3.72E-08	1YrCancerF	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	365250	3768600	3.73E-08	1YrCancerF	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	365350	3768600	3.51E-08	1YrCancerF	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	365450	3768600	3.11E-08	1YrCancerF	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	365550	3768600	2.65E-08	1YrCancerF	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	365650	3768600	2.18E-08	1YrCancerF	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	363650	3768700	2.75E-09	1YrCancerF	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	363750	3768700	3.08E-09	1YrCancerF	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	363850	3768700	3.47E-09	1YrCancerF	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	363950	3768700	4.01E-09	1YrCancerF	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

359	ALL	364050	3768700	4.62E-09	1YrCancerF	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	364150	3768700	5.23E-09	1YrCancerF	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	364250	3768700	5.57E-09	1YrCancerF	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	364350	3768700	6.06E-09	1YrCancerF	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	364450	3768700	6.82E-09	1YrCancerF	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	364550	3768700	8.03E-09	1YrCancerF	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	364650	3768700	9.69E-09	1YrCancerF	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	364750	3768700	1.11E-08	1YrCancerF	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	364850	3768700	1.36E-08	1YrCancerF	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	364950	3768700	1.75E-08	1YrCancerF	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	365050	3768700	2.10E-08	1YrCancerF	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	365150	3768700	2.46E-08	1YrCancerF	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	365250	3768700	2.64E-08	1YrCancerF	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	365350	3768700	2.64E-08	1YrCancerF	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	365450	3768700	2.54E-08	1YrCancerF	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	365550	3768700	2.30E-08	1YrCancerF	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	365650	3768700	2.04E-08	1YrCancerF	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	363650	3768800	2.43E-09	1YrCancerF	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	363750	3768800	2.73E-09	1YrCancerF	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	363850	3768800	3.09E-09	1YrCancerF	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	363950	3768800	3.43E-09	1YrCancerF	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	364050	3768800	3.75E-09	1YrCancerF	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	364150	3768800	4.24E-09	1YrCancerF	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	364250	3768800	4.40E-09	1YrCancerF	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	364350	3768800	4.73E-09	1YrCancerF	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	364450	3768800	5.20E-09	1YrCancerF	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	364550	3768800	5.98E-09	1YrCancerF	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	364650	3768800	7.26E-09	1YrCancerF	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	364750	3768800	8.02E-09	1YrCancerF	8.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	364850	3768800	9.51E-09	1YrCancerF	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	364950	3768800	1.19E-08	1YrCancerF	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	365050	3768800	1.42E-08	1YrCancerF	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	365150	3768800	1.69E-08	1YrCancerF	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	365250	3768800	1.85E-08	1YrCancerF	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	365350	3768800	1.95E-08	1YrCancerF	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	365450	3768800	1.97E-08	1YrCancerF	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	365550	3768800	1.91E-08	1YrCancerF	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	365650	3768800	1.79E-08	1YrCancerF	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	363650	3768900	2.20E-09	1YrCancerF	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	363750	3768900	2.48E-09	1YrCancerF	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	363850	3768900	2.71E-09	1YrCancerF	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	363950	3768900	2.91E-09	1YrCancerF	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	364050	3768900	3.10E-09	1YrCancerF	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	364150	3768900	3.32E-09	1YrCancerF	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	364250	3768900	3.55E-09	1YrCancerF	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	364350	3768900	3.79E-09	1YrCancerF	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	364450	3768900	4.17E-09	1YrCancerF	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	364550	3768900	4.64E-09	1YrCancerF	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	364650	3768900	5.46E-09	1YrCancerF	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	364750	3768900	6.36E-09	1YrCancerF	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	364850	3768900	7.00E-09	1YrCancerF	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	364950	3768900	8.58E-09	1YrCancerF	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	365050	3768900	1.02E-08	1YrCancerF	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	365150	3768900	1.20E-08	1YrCancerF	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	365250	3768900	1.34E-08	1YrCancerF	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	365350	3768900	1.45E-08	1YrCancerF	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	365450	3768900	1.52E-08	1YrCancerF	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	365550	3768900	1.53E-08	1YrCancerF	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	365650	3768900	1.50E-08	1YrCancerF	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	363650	3769000	2.04E-09	1YrCancerF	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	363750	3769000	2.23E-09	1YrCancerF	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	363850	3769000	2.36E-09	1YrCancerF	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	363950	3769000	2.46E-09	1YrCancerF	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	364050	3769000	2.60E-09	1YrCancerF	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	364150	3769000	2.79E-09	1YrCancerF	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	364250	3769000	2.95E-09	1YrCancerF	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	364350	3769000	3.17E-09	1YrCancerF	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	364450	3769000	3.45E-09	1YrCancerF	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	364550	3769000	3.83E-09	1YrCancerF	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	364650	3769000	4.28E-09	1YrCancerF	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	364750	3769000	4.82E-09	1YrCancerF	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	364850	3769000	5.46E-09	1YrCancerF	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	364950	3769000	6.46E-09	1YrCancerF	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	365050	3769000	7.59E-09	1YrCancerF	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	365150	3769000	8.81E-09	1YrCancerF	8.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	365250	3769000	9.92E-09	1YrCancerF	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	365350	3769000	1.09E-08	1YrCancerF	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	365450	3769000	1.17E-08	1YrCancerF	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	365550	3769000	1.21E-08	1YrCancerF	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	365650	3769000	1.24E-08	1YrCancerF	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	364450	3767750	5.79E-08	1YrCancerF	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	364475	3767750	6.37E-08	1YrCancerF	6.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	364500	3767750	6.99E-08	1YrCancerF	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	364525	3767750	7.63E-08	1YrCancerF	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	364550	3767750	8.27E-08	1YrCancerF	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	364575	3767750	8.84E-08	1YrCancerF	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	364600	3767750	9.38E-08	1YrCancerF	9.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	364625	3767750	9.76E-08	1YrCancerF	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	364650	3767750	9.93E-08	1YrCancerF	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	364675	3767750	9.89E-08	1YrCancerF	9.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

449	ALL	364700	3767750	9.61E-08	1YrCancerF	9.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	364725	3767750	9.11E-08	1YrCancerF	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	364750	3767750	8.48E-08	1YrCancerF	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	364775	3767750	7.79E-08	1YrCancerF	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	364800	3767750	7.05E-08	1YrCancerF	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	364825	3767750	6.35E-08	1YrCancerF	6.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	364850	3767750	5.69E-08	1YrCancerF	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	364875	3767750	5.07E-08	1YrCancerF	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	364900	3767750	4.52E-08	1YrCancerF	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	364925	3767750	4.03E-08	1YrCancerF	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	364950	3767750	3.60E-08	1YrCancerF	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	364450	3767775	6.56E-08	1YrCancerF	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	364475	3767775	7.33E-08	1YrCancerF	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	364500	3767775	8.19E-08	1YrCancerF	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	364525	3767775	9.10E-08	1YrCancerF	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	364550	3767775	1.00E-07	1YrCancerF	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	364575	3767775	1.09E-07	1YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	364600	3767775	1.18E-07	1YrCancerF	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	364625	3767775	1.24E-07	1YrCancerF	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	364650	3767775	1.27E-07	1YrCancerF	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	364675	3767775	1.26E-07	1YrCancerF	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	364700	3767775	1.21E-07	1YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	364725	3767775	1.14E-07	1YrCancerF	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	364750	3767775	1.04E-07	1YrCancerF	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	364775	3767775	9.42E-08	1YrCancerF	9.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	364800	3767775	8.40E-08	1YrCancerF	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	364825	3767775	7.44E-08	1YrCancerF	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	364850	3767775	6.59E-08	1YrCancerF	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	364875	3767775	5.79E-08	1YrCancerF	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	364900	3767775	5.11E-08	1YrCancerF	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	364925	3767775	4.50E-08	1YrCancerF	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	364950	3767775	3.98E-08	1YrCancerF	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	364450	3767800	7.41E-08	1YrCancerF	7.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	364475	3767800	8.44E-08	1YrCancerF	8.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	364500	3767800	9.62E-08	1YrCancerF	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	364525	3767800	1.09E-07	1YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	364550	3767800	1.23E-07	1YrCancerF	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	364575	3767800	1.38E-07	1YrCancerF	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	364600	3767800	1.51E-07	1YrCancerF	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	364625	3767800	1.62E-07	1YrCancerF	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	364650	3767800	1.67E-07	1YrCancerF	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	364675	3767800	1.66E-07	1YrCancerF	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	364700	3767800	1.58E-07	1YrCancerF	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	364725	3767800	1.46E-07	1YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	364750	3767800	1.31E-07	1YrCancerF	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	364775	3767800	1.16E-07	1YrCancerF	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	364800	3767800	1.02E-07	1YrCancerF	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	364825	3767800	8.84E-08	1YrCancerF	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	364850	3767800	7.67E-08	1YrCancerF	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	364875	3767800	6.66E-08	1YrCancerF	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	364900	3767800	5.79E-08	1YrCancerF	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	364925	3767800	5.04E-08	1YrCancerF	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	364950	3767800	4.41E-08	1YrCancerF	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	364450	3767825	8.34E-08	1YrCancerF	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	364475	3767825	9.69E-08	1YrCancerF	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	364500	3767825	1.13E-07	1YrCancerF	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	364525	3767825	1.32E-07	1YrCancerF	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	364550	3767825	1.54E-07	1YrCancerF	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	364575	3767825	1.77E-07	1YrCancerF	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	364600	3767825	2.01E-07	1YrCancerF	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	364625	3767825	2.20E-07	1YrCancerF	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	364650	3767825	2.31E-07	1YrCancerF	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	364675	3767825	2.29E-07	1YrCancerF	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	364700	3767825	2.14E-07	1YrCancerF	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	364725	3767825	1.92E-07	1YrCancerF	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	364750	3767825	1.68E-07	1YrCancerF	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	364775	3767825	1.45E-07	1YrCancerF	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	364800	3767825	1.25E-07	1YrCancerF	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	364825	3767825	1.06E-07	1YrCancerF	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	364850	3767825	9.03E-08	1YrCancerF	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	364875	3767825	7.70E-08	1YrCancerF	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	364900	3767825	6.58E-08	1YrCancerF	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	364925	3767825	5.66E-08	1YrCancerF	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	364950	3767825	4.90E-08	1YrCancerF	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	364450	3767850	9.31E-08	1YrCancerF	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	364475	3767850	1.10E-07	1YrCancerF	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	364500	3767850	1.32E-07	1YrCancerF	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	364525	3767850	1.59E-07	1YrCancerF	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	364550	3767850	1.93E-07	1YrCancerF	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	364575	3767850	2.33E-07	1YrCancerF	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	364600	3767850	2.78E-07	1YrCancerF	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	364625	3767850	3.19E-07	1YrCancerF	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	364650	3767850	3.42E-07	1YrCancerF	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	364675	3767850	3.38E-07	1YrCancerF	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	364700	3767850	3.05E-07	1YrCancerF	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	364725	3767850	2.63E-07	1YrCancerF	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	364750	3767850	2.22E-07	1YrCancerF	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	364775	3767850	1.85E-07	1YrCancerF	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	364800	3767850	1.55E-07	1YrCancerF	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	364825	3767850	1.29E-07	1YrCancerF	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

539	ALL	364850	3767850	1.07E-07	1YrCancerF	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	364875	3767850	8.94E-08	1YrCancerF	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	364900	3767850	7.53E-08	1YrCancerF	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	364925	3767850	6.39E-08	1YrCancerF	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	364950	3767850	5.45E-08	1YrCancerF	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	364450	3767875	1.03E-07	1YrCancerF	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	364475	3767875	1.24E-07	1YrCancerF	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	364500	3767875	1.53E-07	1YrCancerF	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	364525	3767875	1.91E-07	1YrCancerF	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	364550	3767875	2.42E-07	1YrCancerF	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	364575	3767875	3.12E-07	1YrCancerF	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	364600	3767875	4.00E-07	1YrCancerF	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	364625	3767875	4.96E-07	1YrCancerF	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	364650	3767875	5.64E-07	1YrCancerF	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	364675	3767875	5.47E-07	1YrCancerF	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	364700	3767875	4.66E-07	1YrCancerF	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	364725	3767875	3.75E-07	1YrCancerF	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	364750	3767875	3.00E-07	1YrCancerF	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	364775	3767875	2.41E-07	1YrCancerF	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	364800	3767875	1.96E-07	1YrCancerF	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	364825	3767875	1.59E-07	1YrCancerF	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	364850	3767875	1.29E-07	1YrCancerF	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	364875	3767875	1.05E-07	1YrCancerF	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	364900	3767875	8.67E-08	1YrCancerF	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	364925	3767875	7.25E-08	1YrCancerF	7.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	364950	3767875	6.12E-08	1YrCancerF	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	364450	3767900	1.11E-07	1YrCancerF	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	364475	3767900	1.37E-07	1YrCancerF	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	364500	3767900	1.73E-07	1YrCancerF	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	364525	3767900	2.24E-07	1YrCancerF	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	364550	3767900	3.00E-07	1YrCancerF	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	364575	3767900	4.15E-07	1YrCancerF	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	364600	3767900	5.95E-07	1YrCancerF	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	364625	3767900	8.64E-07	1YrCancerF	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	364650	3767900	1.11E-06	1YrCancerF	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	364700	3767900	7.72E-07	1YrCancerF	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	364725	3767900	5.56E-07	1YrCancerF	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	364750	3767900	4.20E-07	1YrCancerF	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	364775	3767900	3.26E-07	1YrCancerF	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	364800	3767900	2.55E-07	1YrCancerF	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	364825	3767900	1.99E-07	1YrCancerF	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	364850	3767900	1.57E-07	1YrCancerF	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	364875	3767900	1.26E-07	1YrCancerF	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	364900	3767900	1.02E-07	1YrCancerF	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	364925	3767900	8.32E-08	1YrCancerF	8.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	364950	3767900	6.93E-08	1YrCancerF	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	364450	3767925	1.17E-07	1YrCancerF	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	364475	3767925	1.47E-07	1YrCancerF	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	364500	3767925	1.89E-07	1YrCancerF	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	364525	3767925	2.51E-07	1YrCancerF	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	364550	3767925	3.56E-07	1YrCancerF	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	364575	3767925	5.34E-07	1YrCancerF	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	364600	3767925	8.72E-07	1YrCancerF	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	364625	3767925	1.57E-06	1YrCancerF	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	364675	3767925	2.63E-06	1YrCancerF	2.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	364700	3767925	1.43E-06	1YrCancerF	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	364750	3767925	6.31E-07	1YrCancerF	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	364775	3767925	4.73E-07	1YrCancerF	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	364800	3767925	3.53E-07	1YrCancerF	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	364825	3767925	2.62E-07	1YrCancerF	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	364850	3767925	1.98E-07	1YrCancerF	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	364875	3767925	1.53E-07	1YrCancerF	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	364900	3767925	1.21E-07	1YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	364925	3767925	9.77E-08	1YrCancerF	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	364950	3767925	8.01E-08	1YrCancerF	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	364450	3767950	1.21E-07	1YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	364475	3767950	1.53E-07	1YrCancerF	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	364500	3767950	2.00E-07	1YrCancerF	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	364525	3767950	2.70E-07	1YrCancerF	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	364550	3767950	3.90E-07	1YrCancerF	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	364575	3767950	6.26E-07	1YrCancerF	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	364600	3767950	1.14E-06	1YrCancerF	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	364775	3767950	7.46E-07	1YrCancerF	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	364800	3767950	5.16E-07	1YrCancerF	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	364825	3767950	3.58E-07	1YrCancerF	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	364850	3767950	2.58E-07	1YrCancerF	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	364875	3767950	1.92E-07	1YrCancerF	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	364900	3767950	1.48E-07	1YrCancerF	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	364925	3767950	1.17E-07	1YrCancerF	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	364950	3767950	9.48E-08	1YrCancerF	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	364450	3767975	1.22E-07	1YrCancerF	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	364475	3767975	1.55E-07	1YrCancerF	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	364500	3767975	2.03E-07	1YrCancerF	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	364525	3767975	2.77E-07	1YrCancerF	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	364550	3767975	3.99E-07	1YrCancerF	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	364575	3767975	6.55E-07	1YrCancerF	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	364825	3767975	4.90E-07	1YrCancerF	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	364850	3767975	3.39E-07	1YrCancerF	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	364875	3767975	2.46E-07	1YrCancerF	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	364900	3767975	1.86E-07	1YrCancerF	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

629	ALL	364925	3767975	1.45E-07	1YrCancerF	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	364950	3767975	1.16E-07	1YrCancerF	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	364450	3768000	1.19E-07	1YrCancerF	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	364475	3768000	1.51E-07	1YrCancerF	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	364500	3768000	1.96E-07	1YrCancerF	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	364525	3768000	2.67E-07	1YrCancerF	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	364800	3768000	1.11E-06	1YrCancerF	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	364825	3768000	6.78E-07	1YrCancerF	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	364850	3768000	4.56E-07	1YrCancerF	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	364875	3768000	3.24E-07	1YrCancerF	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	364900	3768000	2.41E-07	1YrCancerF	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	364925	3768000	1.84E-07	1YrCancerF	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	364950	3768000	1.46E-07	1YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	364450	3768025	1.14E-07	1YrCancerF	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	364475	3768025	1.43E-07	1YrCancerF	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	364500	3768025	1.84E-07	1YrCancerF	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	364525	3768025	2.45E-07	1YrCancerF	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	364800	3768025	1.79E-06	1YrCancerF	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	364825	3768025	1.01E-06	1YrCancerF	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	364850	3768025	6.37E-07	1YrCancerF	6.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	364875	3768025	4.38E-07	1YrCancerF	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	364900	3768025	3.18E-07	1YrCancerF	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	364925	3768025	2.39E-07	1YrCancerF	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	364950	3768025	1.85E-07	1YrCancerF	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	364450	3768050	1.08E-07	1YrCancerF	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	364475	3768050	1.35E-07	1YrCancerF	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	364500	3768050	1.68E-07	1YrCancerF	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	364525	3768050	2.18E-07	1YrCancerF	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	364550	3768050	2.91E-07	1YrCancerF	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	364600	3768050	5.69E-07	1YrCancerF	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	364625	3768050	8.84E-07	1YrCancerF	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	364775	3768050	3.81E-06	1YrCancerF	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	364800	3768050	2.19E-06	1YrCancerF	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	364825	3768050	1.32E-06	1YrCancerF	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	364850	3768050	8.40E-07	1YrCancerF	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	364875	3768050	5.72E-07	1YrCancerF	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	364900	3768050	4.09E-07	1YrCancerF	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	364925	3768050	3.05E-07	1YrCancerF	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	364950	3768050	2.32E-07	1YrCancerF	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	364450	3768075	1.00E-07	1YrCancerF	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	364475	3768075	1.23E-07	1YrCancerF	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	364500	3768075	1.49E-07	1YrCancerF	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	364525	3768075	1.87E-07	1YrCancerF	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	364550	3768075	2.41E-07	1YrCancerF	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	364575	3768075	3.19E-07	1YrCancerF	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	364625	3768075	6.21E-07	1YrCancerF	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	364650	3768075	9.49E-07	1YrCancerF	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	364750	3768075	4.49E-06	1YrCancerF	4.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	364775	3768075	3.26E-06	1YrCancerF	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	364800	3768075	2.15E-06	1YrCancerF	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	364825	3768075	1.44E-06	1YrCancerF	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	364850	3768075	9.72E-07	1YrCancerF	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	364875	3768075	6.80E-07	1YrCancerF	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	364900	3768075	4.93E-07	1YrCancerF	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	364925	3768075	3.68E-07	1YrCancerF	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	364950	3768075	2.81E-07	1YrCancerF	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	364450	3768100	8.96E-08	1YrCancerF	8.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	364475	3768100	1.08E-07	1YrCancerF	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	364500	3768100	1.31E-07	1YrCancerF	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	364525	3768100	1.58E-07	1YrCancerF	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	364550	3768100	1.98E-07	1YrCancerF	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	364575	3768100	2.44E-07	1YrCancerF	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	364600	3768100	3.25E-07	1YrCancerF	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	364650	3768100	6.02E-07	1YrCancerF	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	364675	3768100	8.36E-07	1YrCancerF	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	364725	3768100	1.82E-06	1YrCancerF	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	364750	3768100	2.26E-06	1YrCancerF	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	364775	3768100	2.17E-06	1YrCancerF	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	364800	3768100	1.77E-06	1YrCancerF	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	364825	3768100	1.33E-06	1YrCancerF	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	364850	3768100	9.81E-07	1YrCancerF	9.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	364875	3768100	7.28E-07	1YrCancerF	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	364900	3768100	5.43E-07	1YrCancerF	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	364925	3768100	4.15E-07	1YrCancerF	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	364950	3768100	3.22E-07	1YrCancerF	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	364450	3768125	7.93E-08	1YrCancerF	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	364475	3768125	9.50E-08	1YrCancerF	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	364500	3768125	1.13E-07	1YrCancerF	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	364525	3768125	1.31E-07	1YrCancerF	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	364550	3768125	1.49E-07	1YrCancerF	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	364575	3768125	1.82E-07	1YrCancerF	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	364600	3768125	2.41E-07	1YrCancerF	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	364625	3768125	3.12E-07	1YrCancerF	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	364675	3768125	5.24E-07	1YrCancerF	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	364700	3768125	7.02E-07	1YrCancerF	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	364725	3768125	9.49E-07	1YrCancerF	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	364750	3768125	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	364775	3768125	1.34E-06	1YrCancerF	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	364800	3768125	1.27E-06	1YrCancerF	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	364825	3768125	1.09E-06	1YrCancerF	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

719	ALL	364850	3768125	8.89E-07	1YrCancerF	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	364875	3768125	7.05E-07	1YrCancerF	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	364900	3768125	5.50E-07	1YrCancerF	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	364925	3768125	4.36E-07	1YrCancerF	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	364950	3768125	3.48E-07	1YrCancerF	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	364450	3768150	7.11E-08	1YrCancerF	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	364475	3768150	8.19E-08	1YrCancerF	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	364500	3768150	9.70E-08	1YrCancerF	9.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	364525	3768150	1.13E-07	1YrCancerF	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	364550	3768150	1.29E-07	1YrCancerF	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	364575	3768150	1.46E-07	1YrCancerF	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	364600	3768150	1.86E-07	1YrCancerF	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	364625	3768150	2.28E-07	1YrCancerF	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	364650	3768150	2.83E-07	1YrCancerF	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	364700	3768150	4.42E-07	1YrCancerF	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	364725	3768150	5.66E-07	1YrCancerF	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	364750	3768150	7.19E-07	1YrCancerF	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	364775	3768150	8.34E-07	1YrCancerF	8.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	364800	3768150	8.73E-07	1YrCancerF	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	364825	3768150	8.30E-07	1YrCancerF	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	364850	3768150	7.39E-07	1YrCancerF	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	364875	3768150	6.30E-07	1YrCancerF	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	364900	3768150	5.24E-07	1YrCancerF	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	364925	3768150	4.32E-07	1YrCancerF	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	364950	3768150	3.54E-07	1YrCancerF	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	364450	3768175	6.29E-08	1YrCancerF	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	364475	3768175	7.18E-08	1YrCancerF	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	364500	3768175	8.28E-08	1YrCancerF	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	364525	3768175	9.48E-08	1YrCancerF	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	364550	3768175	1.09E-07	1YrCancerF	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	364575	3768175	1.21E-07	1YrCancerF	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	364600	3768175	1.41E-07	1YrCancerF	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	364625	3768175	1.69E-07	1YrCancerF	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	364650	3768175	1.96E-07	1YrCancerF	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	364675	3768175	2.43E-07	1YrCancerF	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	364700	3768175	3.03E-07	1YrCancerF	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	364725	3768175	3.74E-07	1YrCancerF	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	364750	3768175	4.60E-07	1YrCancerF	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	364775	3768175	5.43E-07	1YrCancerF	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	364800	3768175	6.00E-07	1YrCancerF	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	364825	3768175	6.11E-07	1YrCancerF	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	364850	3768175	5.84E-07	1YrCancerF	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	364875	3768175	5.31E-07	1YrCancerF	5.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	364900	3768175	4.68E-07	1YrCancerF	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	364925	3768175	4.03E-07	1YrCancerF	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	364950	3768175	3.44E-07	1YrCancerF	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	364450	3768200	5.56E-08	1YrCancerF	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	364475	3768200	6.21E-08	1YrCancerF	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	364500	3768200	7.07E-08	1YrCancerF	7.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	364525	3768200	7.87E-08	1YrCancerF	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	364550	3768200	8.78E-08	1YrCancerF	8.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	364575	3768200	9.91E-08	1YrCancerF	9.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	364600	3768200	1.12E-07	1YrCancerF	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	364625	3768200	1.28E-07	1YrCancerF	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	364650	3768200	1.50E-07	1YrCancerF	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	364675	3768200	1.83E-07	1YrCancerF	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	364700	3768200	2.19E-07	1YrCancerF	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	364725	3768200	2.63E-07	1YrCancerF	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	364750	3768200	3.16E-07	1YrCancerF	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	364775	3768200	3.72E-07	1YrCancerF	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	364800	3768200	4.19E-07	1YrCancerF	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	364825	3768200	4.48E-07	1YrCancerF	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	364850	3768200	4.50E-07	1YrCancerF	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	364875	3768200	4.31E-07	1YrCancerF	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	364900	3768200	4.00E-07	1YrCancerF	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	364925	3768200	3.60E-07	1YrCancerF	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	364950	3768200	3.18E-07	1YrCancerF	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	364450	3768225	4.89E-08	1YrCancerF	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	364475	3768225	5.40E-08	1YrCancerF	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	364500	3768225	6.05E-08	1YrCancerF	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	364525	3768225	6.45E-08	1YrCancerF	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	364550	3768225	7.19E-08	1YrCancerF	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	364575	3768225	8.04E-08	1YrCancerF	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	364600	3768225	9.06E-08	1YrCancerF	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	364625	3768225	1.03E-07	1YrCancerF	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	364650	3768225	1.18E-07	1YrCancerF	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	364675	3768225	1.42E-07	1YrCancerF	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	364700	3768225	1.65E-07	1YrCancerF	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	364725	3768225	1.94E-07	1YrCancerF	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	364750	3768225	2.29E-07	1YrCancerF	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	364775	3768225	2.66E-07	1YrCancerF	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	364800	3768225	3.01E-07	1YrCancerF	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	364825	3768225	3.30E-07	1YrCancerF	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	364850	3768225	3.44E-07	1YrCancerF	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	364875	3768225	3.44E-07	1YrCancerF	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	364900	3768225	3.33E-07	1YrCancerF	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	364925	3768225	3.11E-07	1YrCancerF	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	364950	3768225	2.85E-07	1YrCancerF	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	364450	3768250	4.15E-08	1YrCancerF	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	364475	3768250	4.55E-08	1YrCancerF	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

809	ALL	364500	3768250	4.98E-08	1YrCancerF	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	364525	3768250	5.45E-08	1YrCancerF	5.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	364550	3768250	5.97E-08	1YrCancerF	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	364575	3768250	6.61E-08	1YrCancerF	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	364600	3768250	7.39E-08	1YrCancerF	7.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	364625	3768250	8.40E-08	1YrCancerF	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	364650	3768250	9.48E-08	1YrCancerF	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	364675	3768250	1.07E-07	1YrCancerF	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	364700	3768250	1.28E-07	1YrCancerF	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	364725	3768250	1.43E-07	1YrCancerF	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	364750	3768250	1.67E-07	1YrCancerF	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	364775	3768250	1.94E-07	1YrCancerF	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	364800	3768250	2.20E-07	1YrCancerF	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	364825	3768250	2.44E-07	1YrCancerF	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	364850	3768250	2.63E-07	1YrCancerF	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	364875	3768250	2.74E-07	1YrCancerF	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	364900	3768250	2.72E-07	1YrCancerF	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	364925	3768250	2.63E-07	1YrCancerF	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	364950	3768250	2.48E-07	1YrCancerF	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	364699.9	3767936	2.02E-06	1YrCancerF	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	364607.9	3768036	7.56E-07	1YrCancerF	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	364622.2	3768049	8.50E-07	1YrCancerF	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	364636.5	3768061	9.38E-07	1YrCancerF	9.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	364650.7	3768074	9.91E-07	1YrCancerF	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	364665	3768086	9.73E-07	1YrCancerF	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	364679.3	3768098	9.20E-07	1YrCancerF	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	364693.5	3768111	8.70E-07	1YrCancerF	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	364723	3768107	1.44E-06	1YrCancerF	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	364734.2	3768092	2.61E-06	1YrCancerF	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	364745.4	3768076	4.53E-06	1YrCancerF	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	364756.6	3768060	5.49E-06	1YrCancerF	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	364767.8	3768044	4.50E-06	1YrCancerF	4.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	364779.1	3768028	3.30E-06	1YrCancerF	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	364790.3	3768013	1.85E-06	1YrCancerF	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	364801.5	3767997	1.02E-06	1YrCancerF	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	364803.8	3767975	6.99E-07	1YrCancerF	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	364780.5	3767952	7.13E-07	1YrCancerF	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	364764.9	3767941	7.15E-07	1YrCancerF	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	364749.3	3767930	6.97E-07	1YrCancerF	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	364733.6	3767919	6.87E-07	1YrCancerF	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	364718	3767908	6.96E-07	1YrCancerF	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	364702.3	3767897	6.95E-07	1YrCancerF	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	364686.7	3767885	6.44E-07	1YrCancerF	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	364667.3	3767883	6.87E-07	1YrCancerF	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	364642.5	3767904	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	364629.7	3767918	1.49E-06	1YrCancerF	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	364616.9	3767932	1.47E-06	1YrCancerF	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	364604	3767946	1.24E-06	1YrCancerF	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	364591.2	3767960	9.48E-07	1YrCancerF	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	364578.4	3767974	7.06E-07	1YrCancerF	7.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	364565.6	3767988	5.24E-07	1YrCancerF	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	364595	3768046	5.49E-07	1YrCancerF	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	364621.1	3768021	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	364706.7	3768096	1.58E-06	1YrCancerF	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	364785.2	3767985	1.21E-06	1YrCancerF	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	364786	3767982	1.12E-06	1YrCancerF	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	364784.6	3767979	1.10E-06	1YrCancerF	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	364675.1	3767902	1.11E-06	1YrCancerF	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	364670.1	3767904	1.24E-06	1YrCancerF	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	364567.5	3768016	4.66E-07	1YrCancerF	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	364567.7	3768022	4.48E-07	1YrCancerF	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 2/25/2020 9:10:12 AM - Chronic Risk - Input File: C:\Users\jreed\Desktop\HARP2\ARCADIAWTP_CON_Mit_T4I\hra\ArcadiaWTP_Con_Mit_T4I_HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		363650	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06
2	ALL		363750	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-06
3	ALL		363850	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-06
4	ALL		363950	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-06
5	ALL		364050	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-06
6	ALL		364150	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-06
7	ALL		364250	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-06
8	ALL		364350	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06
9	ALL		364450	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06
10	ALL		364550	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06
11	ALL		364650	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-06
12	ALL		364750	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-06
13	ALL		364850	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-06
14	ALL		364950	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06
15	ALL		365050	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-06
16	ALL		365150	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-06
17	ALL		365250	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-06
18	ALL		365350	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-06
19	ALL		365450	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-06
20	ALL		365550	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06
21	ALL		365650	3767000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06
22	ALL		363650	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-06
23	ALL		363750	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-06
24	ALL		363850	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-06
25	ALL		363950	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-06
26	ALL		364050	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-06
27	ALL		364150	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-06
28	ALL		364250	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-06
29	ALL		364350	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-06
30	ALL		364450	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-06
31	ALL		364550	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-06
32	ALL		364650	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-06
33	ALL		364750	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-06
34	ALL		364850	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-06
35	ALL		364950	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-06
36	ALL		365050	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-06
37	ALL		365150	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06
38	ALL		365250	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-06
39	ALL		365350	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-06
40	ALL		365450	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-06
41	ALL		365550	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-06
42	ALL		365650	3767100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-06
43	ALL		363650	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-06
44	ALL		363750	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-06
45	ALL		363850	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-06
46	ALL		363950	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-06
47	ALL		364050	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-06
48	ALL		364150	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-06
49	ALL		364250	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-06
50	ALL		364350	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-06
51	ALL		364450	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-06
52	ALL		364550	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06
53	ALL		364650	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-06
54	ALL		364750	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-06
55	ALL		364850	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-06
56	ALL		364950	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-06
57	ALL		365050	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-06
58	ALL		365150	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-06
59	ALL		365250	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-06
60	ALL		365350	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-06
61	ALL		365450	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-06
62	ALL		365550	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-06
63	ALL		365650	3767200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-06
64	ALL		363650	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06
65	ALL		363750	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-06
66	ALL		363850	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-06
67	ALL		363950	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-06
68	ALL		364050	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-06
69	ALL		364150	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-06
70	ALL		364250	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-06
71	ALL		364350	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
72	ALL		364450	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
73	ALL		364550	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
74	ALL		364650	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
75	ALL		364750	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-05
76	ALL		364850	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
77	ALL		364950	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-06
78	ALL		365050	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-06
79	ALL		365150	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-06
80	ALL		365250	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-06
81	ALL		365350	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-06
82	ALL		365450	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-06
83	ALL		365550	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-06
84	ALL		365650	3767300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-06
85	ALL		363650	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-06
86	ALL		363750	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-06
87	ALL		363850	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06
88	ALL		363950	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-06
89	ALL		364050	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06
90	ALL		364150	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
91	ALL		364250	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05
92	ALL		364350	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
93	ALL		364450	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
94	ALL		364550	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
95	ALL		364650	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
96	ALL		364750	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
97	ALL		364850	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.

100	ALL	365150	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-06
101	ALL	365250	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-06
102	ALL	365350	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06
103	ALL	365450	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-06
104	ALL	365550	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06
105	ALL	365650	3767400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-06
106	ALL	363650	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06
107	ALL	363750	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-06
108	ALL	363850	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06
109	ALL	363950	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-06
110	ALL	364050	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
111	ALL	364150	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
112	ALL	364250	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
113	ALL	364350	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05
114	ALL	364450	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
115	ALL	364550	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
116	ALL	364650	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
117	ALL	364750	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
118	ALL	364850	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
119	ALL	364950	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
120	ALL	365050	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
121	ALL	365150	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
122	ALL	365250	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-06
123	ALL	365350	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-06
124	ALL	365450	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06
125	ALL	365550	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-06
126	ALL	365650	3767500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-06
127	ALL	363650	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-06
128	ALL	363750	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-06
129	ALL	363850	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-06
130	ALL	363950	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
131	ALL	364050	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
132	ALL	364150	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
133	ALL	364250	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
134	ALL	364350	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-05
135	ALL	364450	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
136	ALL	364550	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
137	ALL	364650	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05
138	ALL	364750	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
139	ALL	364850	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05
140	ALL	364950	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
141	ALL	365050	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
142	ALL	365150	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-05
143	ALL	365250	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
144	ALL	365350	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-06
145	ALL	365450	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-06
146	ALL	365550	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-06
147	ALL	365650	3767600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-06
148	ALL	363650	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-06
149	ALL	363750	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-06
150	ALL	363850	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
151	ALL	363950	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
152	ALL	364050	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
153	ALL	364150	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
154	ALL	364250	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
155	ALL	364350	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
156	ALL	364450	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
157	ALL	364550	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-05
158	ALL	364650	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05
159	ALL	364750	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
160	ALL	364850	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-05
161	ALL	364950	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-05
162	ALL	365050	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
163	ALL	365150	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-05
164	ALL	365250	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
165	ALL	365350	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-06
166	ALL	365450	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-06
167	ALL	365550	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-06
168	ALL	365650	3767700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-06
169	ALL	363650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-06
170	ALL	363750	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-06
171	ALL	363850	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
172	ALL	363950	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
173	ALL	364050	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
174	ALL	364150	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
175	ALL	364250	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05
176	ALL	364350	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-05
177	ALL	364450	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
178	ALL	364550	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
179	ALL	364650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
180	ALL	364750	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
181	ALL	364850	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05
182	ALL	364950	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-05
183	ALL	365050	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
184	ALL	365150	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
185	ALL	365250	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
186	ALL	365350	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
187	ALL	365450	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06
188	ALL	365550	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-06
189	ALL	365650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-06
190	ALL	363650	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-06
191	ALL	363750	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-06
192	ALL	363850	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-06
193	ALL	363950	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05
194	ALL	364050	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-05
195	ALL	364150	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
196	ALL	364250	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-05
197	ALL	364350	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-05
198	ALL	364450	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

201	ALL	364750	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
202	ALL	364850	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
203	ALL	364950	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05
204	ALL	365050	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-05
205	ALL	365150	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-05
206	ALL	365250	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
207	ALL	365350	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
208	ALL	365450	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-06
209	ALL	365550	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-06
210	ALL	365650	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-06
211	ALL	363650	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-06
212	ALL	363750	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-06
213	ALL	363850	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-06
214	ALL	363950	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
215	ALL	364050	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
216	ALL	364150	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
217	ALL	364250	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-05
218	ALL	364350	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-05
219	ALL	364450	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
220	ALL	364850	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
221	ALL	364950	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
222	ALL	365050	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-05
223	ALL	365150	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05
224	ALL	365250	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
225	ALL	365350	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
226	ALL	365450	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
227	ALL	365550	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-06
228	ALL	365650	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-06
229	ALL	363650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-06
230	ALL	363750	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06
231	ALL	363850	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-06
232	ALL	363950	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
233	ALL	364050	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
234	ALL	364150	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
235	ALL	364250	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-05
236	ALL	364350	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
237	ALL	364450	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
238	ALL	364550	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
239	ALL	364650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
240	ALL	364750	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
241	ALL	364850	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
242	ALL	364950	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
243	ALL	365050	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
244	ALL	365150	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05
245	ALL	365250	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05
246	ALL	365350	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
247	ALL	365450	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
248	ALL	365550	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
249	ALL	365650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
250	ALL	363650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-06
251	ALL	363750	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-06
252	ALL	363850	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-06
253	ALL	363950	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
254	ALL	364050	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
255	ALL	364150	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-05
256	ALL	364250	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-05
257	ALL	364350	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-05
258	ALL	364450	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
259	ALL	364550	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
260	ALL	364650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
261	ALL	364750	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
262	ALL	364850	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
263	ALL	364950	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
264	ALL	365050	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
265	ALL	365150	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
266	ALL	365250	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
267	ALL	365350	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-05
268	ALL	365450	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
269	ALL	365550	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
270	ALL	365650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
271	ALL	363650	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06
272	ALL	363750	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-06
273	ALL	363850	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06
274	ALL	363950	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-06
275	ALL	364050	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
276	ALL	364150	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
277	ALL	364250	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-05
278	ALL	364350	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-05
279	ALL	364450	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-05
280	ALL	364550	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-05
281	ALL	364650	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05
282	ALL	364750	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
283	ALL	364850	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
284	ALL	364950	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
285	ALL	365050	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
286	ALL	365150	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
287	ALL	365250	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
288	ALL	365350	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
289	ALL	365450	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
290	ALL	365550	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
291	ALL	365650	3768300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
292	ALL	363650	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-06
293	ALL	363750	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-06
294	ALL	363850	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-06
295	ALL	363950	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-06
296	ALL	364050	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-06
297	ALL	364150	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
298	ALL	364250	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
299	ALL	364350	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

302	ALL	364650	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
303	ALL	364750	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
304	ALL	364850	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05
305	ALL	364950	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
306	ALL	365050	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
307	ALL	365150	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
308	ALL	365250	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05
309	ALL	365350	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-05
310	ALL	365450	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
311	ALL	365550	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-05
312	ALL	365650	3768400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
313	ALL	363650	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-06
314	ALL	363750	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-06
315	ALL	363850	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-06
316	ALL	363950	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-06
317	ALL	364050	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-06
318	ALL	364150	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-06
319	ALL	364250	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
320	ALL	364350	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
321	ALL	364450	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
322	ALL	364550	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
323	ALL	364650	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
324	ALL	364750	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
325	ALL	364850	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
326	ALL	364950	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
327	ALL	365050	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
328	ALL	365150	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-05
329	ALL	365250	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
330	ALL	365350	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-05
331	ALL	365450	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
332	ALL	365550	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
333	ALL	365650	3768500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
334	ALL	363650	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-06
335	ALL	363750	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-06
336	ALL	363850	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-06
337	ALL	363950	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-06
338	ALL	364050	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-06
339	ALL	364150	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-06
340	ALL	364250	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-06
341	ALL	364350	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-06
342	ALL	364450	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
343	ALL	364550	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
344	ALL	364650	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
345	ALL	364750	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
346	ALL	364850	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
347	ALL	364950	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
348	ALL	365050	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-05
349	ALL	365150	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-05
350	ALL	365250	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-05
351	ALL	365350	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-05
352	ALL	365450	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
353	ALL	365550	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
354	ALL	365650	3768600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-05
355	ALL	363650	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-06
356	ALL	363750	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-06
357	ALL	363850	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06
358	ALL	363950	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-06
359	ALL	364050	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-06
360	ALL	364150	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-06
361	ALL	364250	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-06
362	ALL	364350	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-06
363	ALL	364450	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-06
364	ALL	364550	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-06
365	ALL	364650	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
366	ALL	364750	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
367	ALL	364850	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
368	ALL	364950	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
369	ALL	365050	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
370	ALL	365150	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
371	ALL	365250	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
372	ALL	365350	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-05
373	ALL	365450	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
374	ALL	365550	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
375	ALL	365650	3768700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
376	ALL	363650	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-06
377	ALL	363750	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-06
378	ALL	363850	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-06
379	ALL	363950	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06
380	ALL	364050	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-06
381	ALL	364150	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-06
382	ALL	364250	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-06
383	ALL	364350	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-06
384	ALL	364450	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-06
385	ALL	364550	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06
386	ALL	364650	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-06
387	ALL	364750	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-06
388	ALL	364850	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
389	ALL	364950	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
390	ALL	365050	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
391	ALL	365150	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
392	ALL	365250	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-05
393	ALL	365350	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
394	ALL	365450	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-05
395	ALL	365550	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
396	ALL	365650	3768800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
397	ALL	363650	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-06
398	ALL	363750	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06
399	ALL	363850	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-06
400	ALL	363950	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

403	ALL	364250	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-06
404	ALL	364350	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-06
405	ALL	364450	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-06
406	ALL	364550	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-06
407	ALL	364650	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-06
408	ALL	364750	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-06
409	ALL	364850	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-06
410	ALL	364950	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.65E-06
411	ALL	365050	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05
412	ALL	365150	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
413	ALL	365250	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-05
414	ALL	365350	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
415	ALL	365450	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
416	ALL	365550	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
417	ALL	365650	3768900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
418	ALL	363650	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06
419	ALL	363750	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06
420	ALL	363850	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06
421	ALL	363950	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-06
422	ALL	364050	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-06
423	ALL	364150	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-06
424	ALL	364250	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-06
425	ALL	364350	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-06
426	ALL	364450	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-06
427	ALL	364550	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-06
428	ALL	364650	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-06
429	ALL	364750	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-06
430	ALL	364850	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-06
431	ALL	364950	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-06
432	ALL	365050	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06
433	ALL	365150	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-06
434	ALL	365250	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
435	ALL	365350	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
436	ALL	365450	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
437	ALL	365550	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
438	ALL	365650	3769000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
439	ALL	364450	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
440	ALL	364475	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-05
441	ALL	364500	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05
442	ALL	364525	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-05
443	ALL	364550	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
444	ALL	364575	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05
445	ALL	364600	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
446	ALL	364625	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
447	ALL	364650	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
448	ALL	364675	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
449	ALL	364700	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
450	ALL	364725	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
451	ALL	364750	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05
452	ALL	364775	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
453	ALL	364800	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05
454	ALL	364825	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-05
455	ALL	364850	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
456	ALL	364875	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
457	ALL	364900	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
458	ALL	364925	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05
459	ALL	364950	3767750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
460	ALL	364450	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05
461	ALL	364475	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05
462	ALL	364500	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-05
463	ALL	364525	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
464	ALL	364550	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
465	ALL	364575	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
466	ALL	364600	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
467	ALL	364625	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
468	ALL	364650	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
469	ALL	364675	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
470	ALL	364700	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
471	ALL	364725	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
472	ALL	364750	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
473	ALL	364775	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
474	ALL	364800	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05
475	ALL	364825	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.37E-05
476	ALL	364850	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-05
477	ALL	364875	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
478	ALL	364900	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-05
479	ALL	364925	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
480	ALL	364950	3767775	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-05
481	ALL	364450	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
482	ALL	364475	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.49E-05
483	ALL	364500	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
484	ALL	364525	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
485	ALL	364550	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
486	ALL	364575	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
487	ALL	364600	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
488	ALL	364625	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
489	ALL	364650	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
490	ALL	364675	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
491	ALL	364700	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
492	ALL	364725	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
493	ALL	364750	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
494	ALL	364775	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
495	ALL	364800	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
496	ALL	364825	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05
497	ALL	364850	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-05
498	ALL	364875	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-05
499	ALL	364900	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
500	ALL	364925	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05
501	ALL	364950	3767800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

504	ALL	364500	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
505	ALL	364525	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
506	ALL	364550	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
507	ALL	364575	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
508	ALL	364600	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
509	ALL	364625	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
510	ALL	364650	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
511	ALL	364675	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
512	ALL	364700	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
513	ALL	364725	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
514	ALL	364750	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
515	ALL	364775	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
516	ALL	364800	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
517	ALL	364825	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
518	ALL	364850	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
519	ALL	364875	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05
520	ALL	364900	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
521	ALL	364925	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05
522	ALL	364950	3767825	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
523	ALL	364450	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
524	ALL	364475	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
525	ALL	364500	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
526	ALL	364525	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
527	ALL	364550	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
528	ALL	364575	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
529	ALL	364600	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
530	ALL	364625	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
531	ALL	364650	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
532	ALL	364675	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
533	ALL	364700	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
534	ALL	364725	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
535	ALL	364750	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
536	ALL	364775	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
537	ALL	364800	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
538	ALL	364825	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
539	ALL	364850	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
540	ALL	364875	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
541	ALL	364900	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05
542	ALL	364925	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-05
543	ALL	364950	3767850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
544	ALL	364450	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
545	ALL	364475	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
546	ALL	364500	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
547	ALL	364525	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
548	ALL	364550	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
549	ALL	364575	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
550	ALL	364600	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
551	ALL	364625	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
552	ALL	364650	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
553	ALL	364675	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
554	ALL	364700	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
555	ALL	364725	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
556	ALL	364750	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
557	ALL	364775	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
558	ALL	364800	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
559	ALL	364825	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
560	ALL	364850	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
561	ALL	364875	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
562	ALL	364900	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05
563	ALL	364925	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
564	ALL	364950	3767875	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-05
565	ALL	364450	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
566	ALL	364475	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
567	ALL	364500	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
568	ALL	364525	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
569	ALL	364550	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
570	ALL	364575	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
571	ALL	364600	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
572	ALL	364625	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04
573	ALL	364650	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
574	ALL	364700	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04
575	ALL	364725	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
576	ALL	364750	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
577	ALL	364775	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
578	ALL	364800	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
579	ALL	364825	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
580	ALL	364850	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
581	ALL	364875	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
582	ALL	364900	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
583	ALL	364925	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
584	ALL	364950	3767900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-05
585	ALL	364450	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
586	ALL	364475	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
587	ALL	364500	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
588	ALL	364525	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
589	ALL	364550	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
590	ALL	364575	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
591	ALL	364600	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
592	ALL	364625	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
593	ALL	364675	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-03
594	ALL	364700	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
595	ALL	364750	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
596	ALL	364775	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
597	ALL	364800	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
598	ALL	364825	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
599	ALL	364850	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
600	ALL	364875	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
601	ALL	364900	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
602	ALL	364925	3767925	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

605	ALL	364475	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
606	ALL	364500	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
607	ALL	364525	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
608	ALL	364550	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
609	ALL	364575	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-04
610	ALL	364600	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
611	ALL	364775	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
612	ALL	364800	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
613	ALL	364825	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
614	ALL	364850	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
615	ALL	364875	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
616	ALL	364900	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
617	ALL	364925	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
618	ALL	364950	3767950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
619	ALL	364450	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
620	ALL	364475	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
621	ALL	364500	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
622	ALL	364525	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
623	ALL	364550	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
624	ALL	364575	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04
625	ALL	364825	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
626	ALL	364850	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
627	ALL	364875	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
628	ALL	364900	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
629	ALL	364925	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
630	ALL	364950	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
631	ALL	364450	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
632	ALL	364475	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
633	ALL	364500	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
634	ALL	364525	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
635	ALL	364800	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
636	ALL	364825	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
637	ALL	364850	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
638	ALL	364875	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
639	ALL	364900	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
640	ALL	364925	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
641	ALL	364950	3768000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
642	ALL	364450	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
643	ALL	364475	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
644	ALL	364500	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
645	ALL	364525	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
646	ALL	364800	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
647	ALL	364825	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
648	ALL	364850	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
649	ALL	364875	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
650	ALL	364900	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
651	ALL	364925	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
652	ALL	364950	3768025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
653	ALL	364450	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
654	ALL	364475	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
655	ALL	364500	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
656	ALL	364525	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
657	ALL	364550	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
658	ALL	364600	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
659	ALL	364625	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-04
660	ALL	364775	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
661	ALL	364800	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
662	ALL	364825	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
663	ALL	364850	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
664	ALL	364875	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
665	ALL	364900	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
666	ALL	364925	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
667	ALL	364950	3768050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
668	ALL	364450	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
669	ALL	364475	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
670	ALL	364500	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
671	ALL	364525	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
672	ALL	364550	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
673	ALL	364575	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
674	ALL	364625	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04
675	ALL	364650	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
676	ALL	364750	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
677	ALL	364775	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
678	ALL	364800	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
679	ALL	364825	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
680	ALL	364850	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
681	ALL	364875	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
682	ALL	364900	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
683	ALL	364925	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
684	ALL	364950	3768075	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
685	ALL	364450	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
686	ALL	364475	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
687	ALL	364500	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
688	ALL	364525	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
689	ALL	364550	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
690	ALL	364575	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
691	ALL	364600	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
692	ALL	364650	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
693	ALL	364675	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-04
694	ALL	364725	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
695	ALL	364750	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
696	ALL	364775	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
697	ALL	364800	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-03
698	ALL	364825	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
699	ALL	364850	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
700	ALL	364875	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-04
701	ALL	364900	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
702	ALL	364925	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
703	ALL	364950	3768100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

706	ALL	364500	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
707	ALL	364525	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
708	ALL	364550	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
709	ALL	364575	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
710	ALL	364600	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
711	ALL	364625	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
712	ALL	364675	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
713	ALL	364700	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
714	ALL	364725	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
715	ALL	364750	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
716	ALL	364775	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
717	ALL	364800	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
718	ALL	364825	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
719	ALL	364850	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
720	ALL	364875	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
721	ALL	364900	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
722	ALL	364925	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
723	ALL	364950	3768125	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
724	ALL	364450	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-05
725	ALL	364475	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
726	ALL	364500	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
727	ALL	364525	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
728	ALL	364550	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
729	ALL	364575	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
730	ALL	364600	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
731	ALL	364625	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
732	ALL	364650	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
733	ALL	364700	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
734	ALL	364725	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
735	ALL	364750	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
736	ALL	364775	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04
737	ALL	364800	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04
738	ALL	364825	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
739	ALL	364850	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
740	ALL	364875	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
741	ALL	364900	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
742	ALL	364925	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
743	ALL	364950	3768150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
744	ALL	364450	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-05
745	ALL	364475	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05
746	ALL	364500	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05
747	ALL	364525	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
748	ALL	364550	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
749	ALL	364575	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
750	ALL	364600	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
751	ALL	364625	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
752	ALL	364650	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
753	ALL	364675	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
754	ALL	364700	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
755	ALL	364725	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
756	ALL	364750	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
757	ALL	364775	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
758	ALL	364800	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
759	ALL	364825	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
760	ALL	364850	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
761	ALL	364875	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
762	ALL	364900	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
763	ALL	364925	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-04
764	ALL	364950	3768175	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
765	ALL	364450	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
766	ALL	364475	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
767	ALL	364500	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05
768	ALL	364525	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05
769	ALL	364550	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
770	ALL	364575	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
771	ALL	364600	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
772	ALL	364625	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
773	ALL	364650	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
774	ALL	364675	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
775	ALL	364700	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
776	ALL	364725	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
777	ALL	364750	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
778	ALL	364775	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
779	ALL	364800	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
780	ALL	364825	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
781	ALL	364850	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
782	ALL	364875	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
783	ALL	364900	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
784	ALL	364925	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
785	ALL	364950	3768200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
786	ALL	364450	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-05
787	ALL	364475	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-05
788	ALL	364500	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
789	ALL	364525	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05
790	ALL	364550	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
791	ALL	364575	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
792	ALL	364600	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
793	ALL	364625	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
794	ALL	364650	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
795	ALL	364675	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
796	ALL	364700	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
797	ALL	364725	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
798	ALL	364750	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
799	ALL	364775	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
800	ALL	364800	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
801	ALL	364825	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
802	ALL	364850	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
803	ALL	364875	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
804	ALL	364900	3768225	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00

807	ALL	364450	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
808	ALL	364475	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
809	ALL	364500	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-05
810	ALL	364525	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
811	ALL	364550	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
812	ALL	364575	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
813	ALL	364600	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05
814	ALL	364625	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05
815	ALL	364650	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
816	ALL	364675	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
817	ALL	364700	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
818	ALL	364725	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
819	ALL	364750	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
820	ALL	364775	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
821	ALL	364800	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
822	ALL	364825	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
823	ALL	364850	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
824	ALL	364875	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
825	ALL	364900	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
826	ALL	364925	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
827	ALL	364950	3768250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
828	ALL	364699.9	3767936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
829	ALL	364607.9	3768036	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04
830	ALL	364622.2	3768049	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
831	ALL	364636.5	3768061	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
832	ALL	364650.7	3768074	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
833	ALL	364665	3768086	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
834	ALL	364679.3	3768098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
835	ALL	364693.5	3768111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-04
836	ALL	364723	3768107	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
837	ALL	364734.2	3768092	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
838	ALL	364745.4	3768076	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
839	ALL	364756.6	3768060	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-03
840	ALL	364767.8	3768044	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-03
841	ALL	364779.1	3768028	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
842	ALL	364790.3	3768013	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
843	ALL	364801.5	3767997	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
844	ALL	364803.8	3767975	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
845	ALL	364780.5	3767952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-04
846	ALL	364764.9	3767941	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-04
847	ALL	364749.3	3767930	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
848	ALL	364733.6	3767919	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
849	ALL	364718	3767908	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
850	ALL	364702.3	3767897	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04
851	ALL	364686.7	3767885	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-04
852	ALL	364667.3	3767883	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
853	ALL	364642.5	3767904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
854	ALL	364629.7	3767918	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
855	ALL	364616.9	3767932	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
856	ALL	364604	3767946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
857	ALL	364591.2	3767960	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
858	ALL	364578.4	3767974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
859	ALL	364565.6	3767988	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
860	ALL	364595	3768046	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
861	ALL	364621.1	3768021	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
862	ALL	364706.7	3768096	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
863	ALL	364785.2	3767985	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
864	ALL	364786	3767982	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
865	ALL	364784.6	3767979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
866	ALL	364675.1	3767902	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
867	ALL	364670.1	3767904	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
868	ALL	364567.5	3768016	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
869	ALL	364567.7	3768022	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04

Santa Monica Olympic Wellfield Restoration and Arcadia Treatment Plant Expansion Project

Project Construction Energy Demand

Construction Worker Gasoline Demand

Phase	Trips	Vehicle CO_2 (MT)	Kg CO2/Gallon	Gallons
Well - SM-10 Grading - Well Pad	120	0.61	8.78	69.79
Well - SM-8 Grading - Well Pad	120	0.61	8.78	69.79
Well - SM-9 Grading Well Pad	120	0.61	8.78	69.79
Well - SM-10 Building Construction - Well Equipping	200	1.01	8.78	114.85
Well - SM-8 Building Construction - Well Equipping	200	1.01	8.78	114.85
Well - SM-9 Building Construction - Well Equipping	200	1.01	8.78	114.85
Well - SM-10 Building Construction - Artistic Fencing	120	0.59	8.78	67.59
Well - SM-8 Building Construction - Artistic Fencing	120	0.59	8.78	67.59
Well - SM-9 Building Construction - Artistic Fencing	120	0.59	8.78	67.59
Pipeline - Site Preparation	50	0.25	8.78	28.15
Pipeline - Grading - Slurry Backfill	240	1.19	8.78	135.16
Pipeline - Grading - Installation	720	3.56	8.78	405.48
Pipeline - Continual Paving	360	1.78	8.78	202.74
Pipeline - Continual Pavement Striping	240	1.19	8.78	135.16
Pipeline - Final Paving	60	0.30	8.78	33.79
Pipeline - Final Pavement Striping	4	0.02	8.78	2.26
WTP - Demolition	350	1.67	8.78	190.18
WTP - Site Preparation and Grading	240	1.15	8.78	130.41
WTP - Building Construction 3	1,596	7.61	8.78	867.22
WTP - Building Construction 4	2,288	10.92	8.78	1,243.22
WTP - Building Construction 1	670	3.20	8.78	364.05
WTP - Building Construction 2	1,068	5.10	8.78	580.32
WTP - Building Construction 5	248	1.18	8.78	134.76
WTP - Building Construction 6	2,136	10.19	8.78	1,160.64
WTP - Building Construction 7	536	2.56	8.78	291.24
WTP - Architectural Coating	864	4.09	8.78	465.41
WTP - Paving	276	1.32	8.78	149.97
Well - SM-11 Grading - Well Pad	120	0.55	8.78	62.81
Well - SM-11 Building Construction - Well Equipping	200	0.92	8.78	104.69
Well - SM-11 Building Construction - Artistic Fencing	120	0.55	8.78	62.81
RW Pipeline - Site Preparation	10	0.05	8.78	5.24
RW Pipeline - Grading - Slurry Backfill	40	0.18	8.78	20.95
RW Pipeline - Grading - Installation	120	0.55	8.78	62.81
RW Pipeline - Continual Paving	60	0.28	8.78	31.41
RW Pipeline - Continual Pavement Striping	60	0.18	8.78	20.95
RW Pipeline - Final Paving	8	0.06	8.78	6.29
RW Pipeline - Final Pavement Striping	4	0.02	8.78	2.13
Total				**7,656.96**

Construction Vendor Diesel Demand

Phase	Trips	Vehicle CO_2 (MT)	Kg CO2/Gallon	Gallons
Well - SM-10 Grading - Well Pad	60	0.75	10.21	73.00
Well - SM-8 Grading - Well Pad	60	0.75	10.21	73.00
Well - SM-9 Grading Well Pad	60	0.75	10.21	73.00
Well - SM-10 Building Construction - Well Equipping	50	0.62	10.21	60.64
Well - SM-8 Building Construction - Well Equipping	50	0.62	10.21	60.64
Well - SM-9 Building Construction - Well Equipping	50	0.62	10.21	60.64
Well - SM-10 Building Construction - Artistic Fencing	30	0.37	10.21	36.21
Well - SM-8 Building Construction - Artistic Fencing	30	0.37	10.21	36.21
Well - SM-9 Building Construction - Artistic Fencing	30	0.37	10.21	36.21
Pipeline - Site Preparation	20	0.25	10.21	24.14
Pipeline - Grading - Slurry Backfill	240	2.96	10.21	289.72
Pipeline - Grading - Installation	240	2.96	10.21	289.72
Pipeline - Continual Paving	240	2.96	10.21	289.72
Pipeline - Continual Pavement Striping	240	2.96	10.21	289.72
Pipeline - Final Paving	40	0.49	10.21	48.29
Pipeline - Final Pavement Striping	4	0.05	10.21	4.83
WTP - Demolition	0	0.00	10.21	0.00
WTP - Site Preparation and Grading	0	0.00	10.21	0.00
WTP - Building Construction 3	266	3.25	10.21	318.28
WTP - Building Construction 4	286	3.49	10.21	342.20
WTP - Building Construction 1	134	1.64	10.21	160.33
WTP - Building Construction 2	178	2.17	10.21	212.99
WTP - Building Construction 5	62	0.76	10.21	74.18
WTP - Building Construction 6	178	2.17	10.21	212.99
WTP - Building Construction 7	134	1.64	10.21	160.33
WTP - Architectural Coating	144	1.75	10.21	171.03
WTP - Paving	92	1.13	10.21	110.58
Well - SM-11 Grading - Well Pad	60	0.71	10.21	69.55
Well - SM-11 Building Construction - Well Equipping	50	0.59	10.21	57.95
Well - SM-11 Building Construction - Artistic Fencing	30	0.36	10.21	34.77
RW Pipeline - Site Preparation	4	0.05	10.21	4.63
RW Pipeline - Grading - Slurry Backfill	40	0.47	10.21	46.37
RW Pipeline - Grading - Installation	40	0.47	10.21	46.37
RW Pipeline - Continual Paving	40	0.47	10.21	46.37
RW Pipeline - Continual Pavement Striping	40	0.47	10.21	46.37
RW Pipeline - Final Paving	8	0.09	10.21	9.28
RW Pipeline - Final Pavement Striping	4	0.05	10.21	4.63
Total				**3,874.84**

Construction Haul Diesel Demand

Phase	Trips	Vehicle CO_2 (MT)	Kg CO2/Gallon	Gallons
Well - SM-10 Grading - Well Pad	36	1.39	10.21	135.89
Well - SM-8 Grading - Well Pad	36	1.39	10.21	135.89
Well - SM-9 Grading Well Pad	56	2.16	10.21	211.38
Well - SM-10 Building Construction - Well Equipping	0	0.00	10.21	0.00
Well - SM-8 Building Construction - Well Equipping	0	0.00	10.21	0.00
Well - SM-9 Building Construction - Well Equipping	0	0.00	10.21	0.00
Well - SM-10 Building Construction - Artistic Fencing	0	0.00	10.21	0.00
Well - SM-8 Building Construction - Artistic Fencing	0	0.00	10.21	0.00
Well - SM-9 Building Construction - Artistic Fencing	0	0.00	10.21	0.00
Pipeline - Site Preparation	0	0.00	10.21	0.00
Pipeline - Grading - Slurry Backfill	0	0.00	10.21	0.00
Pipeline - Grading - Installation	510	19.44	10.21	1,903.88
Pipeline - Continual Paving	0	0.00	10.21	0.00
Pipeline - Continual Pavement Striping	0	0.00	10.21	0.00
Pipeline - Final Paving	0	0.00	10.21	0.00
Pipeline - Final Pavement Striping	0	0.00	10.21	0.00
WTP - Demolition	70	2.64	10.21	258.21
WTP - Site Preparation and Grading	84	3.16	10.21	309.85
WTP - Building Construction 3	0	0.00	10.21	0.00
WTP - Building Construction 4	0	0.00	10.21	0.00
WTP - Building Construction 1	0	0.00	10.21	0.00
WTP - Building Construction 2	0	0.00	10.21	0.00
WTP - Building Construction 5	0	0.00	10.21	0.00
WTP - Building Construction 6	0	0.00	10.21	0.00
WTP - Building Construction 7	0	0.00	10.21	0.00
WTP - Architectural Coating	0	0.00	10.21	0.00
WTP - Paving	0	0.00	10.21	0.00
Well - SM-11 Grading - Well Pad	36	1.30	10.21	127.27
Well - SM-11 Building Construction - Well Equipping	0	0.00	10.21	0.00
Well - SM-11 Building Construction - Artistic Fencing	0	0.00	10.21	0.00
RW Pipeline - Site Preparation	0	0.00	10.21	0.00
RW Pipeline - Grading - Slurry Backfill	0	0.00	10.21	0.00
RW Pipeline - Grading - Installation	140	4.05	10.21	396.96
RW Pipeline - Continual Paving	0	0.00	10.21	0.00
RW Pipeline - Continual Pavement Striping	0	0.00	10.21	0.00
RW Pipeline - Final Paving	0	0.00	10.21	0.00
RW Pipeline - Final Pavement Striping	0	0.00	10.21	0.00
Total				**3,479.32**

Construction Equipment Diesel Demand

Phase	Pieces of Equipment	Equipment CO_2 (MT)	Kg CO2/Gallon	Gallons
Well - SM-10 Grading - Well Pad	2	1.25	10.21	122.31
Well - SM-8 Grading - Well Pad	2	1.25	10.21	122.31
Well - SM-9 Grading Well Pad	2	1.25	10.21	122.31
Well - SM-10 Building Construction - Well Equipping	2	4.13	10.21	404.19
Well - SM-8 Building Construction - Well Equipping	2	4.13	10.21	404.19
Well - SM-9 Building Construction - Well Equipping	2	4.13	10.21	404.19
Well - SM-10 Building Construction - Artistic Fencing	1	1.70	10.21	166.66
Well - SM-8 Building Construction - Artistic Fencing	1	1.70	10.21	166.66
Well - SM-9 Building Construction - Artistic Fencing	1	1.70	10.21	166.66
Pipeline - Site Preparation	1	1.03	10.21	101.09
Pipeline - Grading - Slurry Backfill	1	0.69	10.21	67.33
Pipeline - Grading - Installation	3	30.68	10.21	3,005.25
Pipeline - Continual Paving	2	19.30	10.21	1,890.29
Pipeline - Continual Pavement Striping	0	0.00	10.21	0.00
Pipeline - Final Paving	3	3.22	10.21	315.05
Pipeline - Final Pavement Striping	0	0.00	10.21	0.00
WTP - Demolition	5	26.35	10.21	2,580.52
WTP - Site Preparation and Grading	4	18.10	10.21	1,773.04
WTP - Building Construction 3	2	55.76	10.21	5,461.25
WTP - Building Construction 4	2	30.71	10.21	3,007.88
WTP - Building Construction 1	4	34.58	10.21	3,387.32
WTP - Building Construction 2	3	22.40	10.21	2,193.54
WTP - Building Construction 5	1	4.69	10.21	459.65
WTP - Building Construction 6	5	69.37	10.21	6,794.21
WTP - Building Construction 7	3	16.86	10.21	1,651.31
WTP - Architectural Coating	1	12.26	10.21	1,200.35
WTP - Paving	2	7.40	10.21	724.83
Well - SM-11 Grading - Well Pad	2	1.25	10.21	122.31
Well - SM-11 Building Construction - Well Equipping	2	4.13	10.21	404.81
Well - SM-11 Building Construction - Artistic Fencing	1	1.70	10.21	166.63
RW Pipeline - Site Preparation	1	0.21	10.21	20.23
RW Pipeline - Grading - Slurry Backfill	1	0.11	10.21	11.22
RW Pipeline - Grading - Installation	3	5.11	10.21	500.80
RW Pipeline - Continual Paving	2	3.22	10.21	315.12
RW Pipeline - Continual Pavement Striping	0	0.00	10.21	0.00
RW Pipeline - Final Paving	3	0.64	10.21	63.03
RW Pipeline - Final Pavement Striping	0	0.00	10.21	0.00
Total				**38,296.55**

Construction Equipment Usage

Phase	Hours of Use
Well - SM-10 Grading - Well Pad	80
Well - SM-8 Grading - Well Pad	80
Well - SM-9 Grading Well Pad	80
Well - SM-10 Building Construction - Well Equipping	125
Well - SM-8 Building Construction - Well Equipping	125
Well - SM-9 Building Construction - Well Equipping	125
Well - SM-10 Building Construction - Artistic Fencing	60
Well - SM-8 Building Construction - Artistic Fencing	60
Well - SM-9 Building Construction - Artistic Fencing	60
Pipeline - Site Preparation	40
Pipeline - Grading - Slurry Backfill	240
Pipeline - Grading - Installation	1,200
Pipeline - Continual Paving	960
Pipeline - Continual Pavement Striping	0
Pipeline - Final Paving	240
Pipeline - Final Pavement Striping	0
WTP - Demolition	1,000
WTP - Site Preparation and Grading	600
WTP - Building Construction 3	2,128
WTP - Building Construction 4	1,430
WTP - Building Construction 1	1,474
WTP - Building Construction 2	1,246
WTP - Building Construction 5	248
WTP - Building Construction 6	2,314
WTP - Building Construction 7	938
WTP - Architectural Coating	576
WTP - Paving	368
Well - SM-11 Grading - Well Pad	80
Well - SM-11 Building Construction - Well Equipping	125
Well - SM-11 Building Construction - Artistic Fencing	60
RW Pipeline - Site Preparation	130
RW Pipeline - Grading - Slurry Backfill	9
RW Pipeline - Grading - Installation	238
RW Pipeline - Continual Paving	210
RW Pipeline - Continual Pavement Striping	0
RW Pipeline - Final Paving	530
RW Pipeline - Final Pavement Striping	0
Total	**17,179**

Santa Monica Olympic Wellfield Restoration and Arcadia Treatment Plant Expar

Project Operational Energy Demand

Mobile Source Gasoline Demand

Project Facility	Vehicle MT CO_2	Kg CO2/Gallon	Gallons
General Light Industry (Project Buildings)	1.03	8.78	117.85

Mobile Source Diesel Demand

Project Facility	Vehicle MT CO_2	Kg CO2/Gallon	Gallons
General Light Industry (Project Buildings)	14.23	10.21	1,393.27

Electricity Demand

Project Consumption	kWh/Year
General Light Industry (Project Buildings)	116,550
Building Water/Wastewater	35,968
Process Electricity	4,976,000
Subtotal	**5,128,518**
Electricity Avoided	7,100,710
Total	**-1,972,192**

Natural Gas Demand

Project Facility	kBTu/Year
General Light Industry (Project Buildings)	190,050
Total	**190,050**