Appendix A:
Air Quality and Greenhouse Gas Supporting Information

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CalEEMod Output, Construction Health Risk Assessment Calculations, and AERMOD Modeling Output

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Emerald Isle Unmitigated Construction and Project Operations

Sonoma-San Francisco County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.53	Acre	0.53	0.00	0
Other Non-Asphalt Surfaces	1.53	Acre	1.53	0.00	0
Parking Lot	63.00	Space	0.57	0.00	0
Congregate Care (Assisted Living)	49.00	Dwelling Unit	1.51	68,144.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	75
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emerald Isle Assisted Living Project - Unmitigated Construction and Project Operations

Land Use - Based on site plan and project description

Construction Phase - Adjusted based on input from the Project Applicant.
March 2018 start date, duration 12-15 months

Off-road Equipment - Equipment usage adjusted to conserve default horsepower hours

Off-road Equipment - Expected equipment for the underground utilities phase

Trips and VMT - At the peak of construction activities there would be 60 workers on-site

Grading - 29,304 cubic yards of material to be exported

Vehicle Trips - Focused Traffic Study for the Emerald Isle Assisted Living Project prepared by W-Trans on May 10, 2017
ITE Trip Generation Manual, 9th Ed (ITE Code 254)

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust

Mobile Land Use Mitigation - Existing project site conditions

Energy Mitigation - 15% more efficient than 2016 Title 24

Water Mitigation - Green Building Code Standards

Waste Mitigation - Adopt a long-term waste diversion goal of a 70% diversion rate by 2015

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingValue	0	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	8.00	45.00
tblConstructionPhase	NumDays	18.00	5.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	22.50	4.14
tblGrading	MaterialExported	0.00	29,304.00
tblLandUse	BuildingSpaceSquareFeet	23,086.80	0.00
tblLandUse	BuildingSpaceSquareFeet	66,646.80	0.00
tblLandUse	BuildingSpaceSquareFeet	25,200.00	0.00
tblLandUse	BuildingSpaceSquareFeet	49,000.00	68,144.00
tblLandUse	LandUseSquareFeet	23,086.80	0.00
tblLandUse	LandUseSquareFeet	66,646.80	0.00
tblLandUse	LandUseSquareFeet	25,200.00	0.00
tblLandUse	LandUseSquareFeet	49,000.00	68,144.00
tblLandUse	LotAcreage	3.06	1.51
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	5.70
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	35.00	120.00
tblTripsAndVMT	WorkerTripNumber	68.00	120.00
tblTripsAndVMT	WorkerTripNumber	7.00	120.00
tblVehicleTrips	ST_TR	2.20	3.19
tblVehicleTrips	SU_TR	2.44	3.54
tblVehicleTrips	WD_TR	2.74	3.85

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.4038	3.8501	2.6225	5.7100e-003	0.2933	0.1876	0.4809	0.1291	0.1750	0.3041	0.0000	523.7007	523.7007	0.0932	0.0000	526.0299
2019	0.6210	1.0139	1.0502	1.8200e-003	0.0493	0.0592	0.1085	0.0132	0.0556	0.0688	0.0000	160.9505	160.9505	0.0296	0.0000	161.6913
Maximum	**0.6210**	**3.8501**	**2.6225**	**5.7100e-003**	**0.2933**	**0.1876**	**0.4809**	**0.1291**	**0.1750**	**0.3041**	**0.0000**	**523.7007**	**523.7007**	**0.0932**	**0.0000**	**526.0299**

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					
2018	0.4038	3.8501	2.6225	5.7100e-003	0.1919	0.1876	0.3795	0.0742	0.1750	0.2492	0.0000	523.7004	523.7004	0.0932	0.0000	526.0296
2019	0.6210	1.0139	1.0502	1.8200e-003	0.0493	0.0592	0.1085	0.0132	0.0556	0.0688	0.0000	160.9504	160.9504	0.0296	0.0000	161.6912
Maximum	**0.6210**	**3.8501**	**2.6225**	**5.7100e-003**	**0.1919**	**0.1876**	**0.3795**	**0.0742**	**0.1750**	**0.2492**	**0.0000**	**523.7004**	**523.7004**	**0.0932**	**0.0000**	**526.0296**

	ROG	NOx	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**	**29.62**	**0.00**	**17.22**	**38.60**	**0.00**	**14.72**	**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)
1	3-1-2018	5-31-2018	1.5184	1.5184
2	6-1-2018	8-31-2018	0.6593	0.6593
3	9-1-2018	11-30-2018	1.0956	1.0956
4	12-1-2018	2-28-2019	1.0147	1.0147
5	3-1-2019	5-31-2019	0.9723	0.9723
		Highest	1.5184	1.5184

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	0.3254	4.2400e-003	0.3662	2.0000e-005		2.0100e-003	2.0100e-003		2.0100e-003	2.0100e-003	0.0000	0.5955	0.5955	5.9000e-004	0.0000	0.6101
Energy	2.9200e-003	0.0250	0.0106	1.6000e-004		2.0200e-003	2.0200e-003		2.0200e-003	2.0200e-003	0.0000	91.8206	91.8206	3.4000e-003	1.1200e-003	92.2390
Mobile	0.0751	0.3615	0.8329	2.0900e-003	0.1559	3.4400e-003	0.1594	0.0420	3.2600e-003	0.0452	0.0000	191.8601	191.8601	9.6500e-003	0.0000	192.1013
Waste						0.0000	0.0000		0.0000	0.0000	9.0757	0.0000	9.0757	0.5364	0.0000	22.4847
Water						0.0000	0.0000		0.0000	0.0000	1.0129	7.0748	8.0876	0.1044	2.5200e-003	11.4481
Total	**0.4034**	**0.3908**	**1.2098**	**2.2700e-003**	**0.1559**	**7.4700e-003**	**0.1634**	**0.0420**	**7.2900e-003**	**0.0493**	**10.0886**	**291.3509**	**301.4395**	**0.6544**	**3.6400e-003**	**318.8832**

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	0.3252	4.2100e-003	0.3636	2.0000e-005		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	0.5901	0.5901	5.8000e-004	0.0000	0.6046
Energy	1.7900e-003	0.0153	6.5200e-003	1.0000e-004		1.2400e-003	1.2400e-003		1.2400e-003	1.2400e-003	0.0000	77.5985	77.5985	3.0500e-003	8.9000e-004	77.9385
Mobile	0.0745	0.3570	0.8212	2.0500e-003	0.1528	3.3800e-003	0.1562	0.0411	3.2000e-003	0.0443	0.0000	188.2502	188.2502	9.5100e-003	0.0000	188.4880
Waste						0.0000	0.0000		0.0000	0.0000	2.7227	0.0000	2.7227	0.1609	0.0000	6.7454
Water						0.0000	0.0000		0.0000	0.0000	0.8103	5.6598	6.4701	0.0835	2.0200e-003	9.1584
Total	**0.4015**	**0.3765**	**1.1913**	**2.1700e-003**	**0.1528**	**6.6100e-003**	**0.1594**	**0.0411**	**6.4300e-003**	**0.0476**	**3.5330**	**272.0986**	**275.6316**	**0.2575**	**2.9100e-003**	**282.9349**

	ROG	NOx	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	**0.46**	**3.64**	**1.53**	**4.41**	**2.00**	**11.51**	**2.44**	**2.00**	**11.80**	**3.45**	**64.98**	**6.61**	**8.56**	**60.64**	**20.05**	**11.27**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/1/2018	3/7/2018	5	5	
2	Grading	Grading	3/8/2018	4/28/2018	6	45	
3	Underground Utilities	Trenching	4/29/2018	7/7/2018	6	60	
4	Building Construction	Building Construction	7/8/2018	4/2/2019	6	230	
5	Paving	Paving	4/3/2019	4/9/2019	5	5	
6	Architectural Coating	Architectural Coating	4/10/2019	5/3/2019	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4.14

Acres of Paving: 2.63

Residential Indoor: 137,992; Residential Outdoor: 45,997; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Underground Utilities	Excavators	1	8.00	158	0.38
Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	6	7.20	9	0.56
Paving	Pavers	4	7.20	130	0.42
Paving	Paving Equipment	6	7.20	132	0.36
Paving	Rollers	6	7.20	80	0.38
Paving	Tractors/Loaders/Backhoes	5	5.70	97	0.37
Architectural Coating	Air Compressors	1	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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Underground Utilities	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	120.00	5.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	27	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0452	0.0000	0.0452	0.0248	0.0000	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.1205	0.0562	1.0000e-004		6.4400e-003	6.4400e-003		5.9300e-003	5.9300e-003	0.0000	8.6900	8.6900	2.7100e-003	0.0000	8.7576
Total	**0.0114**	**0.1205**	**0.0562**	**1.0000e-004**	**0.0452**	**6.4400e-003**	**0.0516**	**0.0248**	**5.9300e-003**	**0.0308**	**0.0000**	**8.6900**	**8.6900**	**2.7100e-003**	**0.0000**	**8.7576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.0000e-004	1.9700e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3457	0.3457	2.0000e-005	0.0000	0.3461
Total	**2.6000e-004**	**2.0000e-004**	**1.9700e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.3457**	**0.3457**	**2.0000e-005**	**0.0000**	**0.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0203	0.0000	0.0203	0.0112	0.0000	0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.1205	0.0562	1.0000e-004		6.4400e-003	6.4400e-003		5.9300e-003	5.9300e-003	0.0000	8.6900	8.6900	2.7100e-003	0.0000	8.7576
Total	**0.0114**	**0.1205**	**0.0562**	**1.0000e-004**	**0.0203**	**6.4400e-003**	**0.0268**	**0.0112**	**5.9300e-003**	**0.0171**	**0.0000**	**8.6900**	**8.6900**	**2.7100e-003**	**0.0000**	**8.7576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.0000e-004	1.9700e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3457	0.3457	2.0000e-005	0.0000	0.3461
Total	**2.6000e-004**	**2.0000e-004**	**1.9700e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.3457**	**0.3457**	**2.0000e-005**	**0.0000**	**0.3461**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1394	0.0000	0.1394	0.0750	0.0000	0.0750	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0624	0.6901	0.3730	6.7000e-004		0.0349	0.0349		0.0321	0.0321	0.0000	60.9905	60.9905	0.0190	0.0000	61.4652
Total	**0.0624**	**0.6901**	**0.3730**	**6.7000e-004**	**0.1394**	**0.0349**	**0.1743**	**0.0750**	**0.0321**	**0.1071**	**0.0000**	**60.9905**	**60.9905**	**0.0190**	**0.0000**	**61.4652**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0185	0.6290	0.1272	1.4800e-003	0.0304	3.4600e-003	0.0339	8.3300e-003	3.3100e-003	0.0116	0.0000	144.2187	144.2187	9.1700e-003	0.0000	144.4479
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-003	1.5000e-003	0.0148	3.0000e-005	2.6500e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.5929	2.5929	1.2000e-004	0.0000	2.5958
Total	**0.0204**	**0.6305**	**0.1420**	**1.5100e-003**	**0.0330**	**3.4800e-003**	**0.0365**	**9.0400e-003**	**3.3300e-003**	**0.0124**	**0.0000**	**146.8116**	**146.8116**	**9.2900e-003**	**0.0000**	**147.0437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0627	0.0000	0.0627	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0624	0.6901	0.3730	6.7000e-004		0.0349	0.0349		0.0321	0.0321	0.0000	60.9904	60.9904	0.0190	0.0000	61.4651
Total	**0.0624**	**0.6901**	**0.3730**	**6.7000e-004**	**0.0627**	**0.0349**	**0.0976**	**0.0337**	**0.0321**	**0.0659**	**0.0000**	**60.9904**	**60.9904**	**0.0190**	**0.0000**	**61.4651**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0185	0.6290	0.1272	1.4800e-003	0.0304	3.4600e-003	0.0339	8.3300e-003	3.3100e-003	0.0116	0.0000	144.2187	144.2187	9.1700e-003	0.0000	144.4479
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-003	1.5000e-003	0.0148	3.0000e-005	2.6500e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.5929	2.5929	1.2000e-004	0.0000	2.5958
Total	**0.0204**	**0.6305**	**0.1420**	**1.5100e-003**	**0.0330**	**3.4800e-003**	**0.0365**	**9.0400e-003**	**3.3300e-003**	**0.0124**	**0.0000**	**146.8116**	**146.8116**	**9.2900e-003**	**0.0000**	**147.0437**

3.4 Underground Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0516	0.5486	0.2997	5.0000e-004		0.0284	0.0284		0.0261	0.0261	0.0000	46.0632	46.0632	0.0143	0.0000	46.4217
Total	**0.0516**	**0.5486**	**0.2997**	**5.0000e-004**		**0.0284**	**0.0284**		**0.0261**	**0.0261**	**0.0000**	**46.0632**	**46.0632**	**0.0143**	**0.0000**	**46.4217**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	1.0700e-003	0.0105	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	1.8439	1.8439	8.0000e-005	0.0000	1.8459
Total	**1.3700e-003**	**1.0700e-003**	**0.0105**	**2.0000e-005**	**1.8800e-003**	**2.0000e-005**	**1.9000e-003**	**5.0000e-004**	**2.0000e-005**	**5.2000e-004**	**0.0000**	**1.8439**	**1.8439**	**8.0000e-005**	**0.0000**	**1.8459**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0516	0.5486	0.2997	5.0000e-004		0.0284	0.0284		0.0261	0.0261	0.0000	46.0632	46.0632	0.0143	0.0000	46.4217
Total	**0.0516**	**0.5486**	**0.2997**	**5.0000e-004**		**0.0284**	**0.0284**		**0.0261**	**0.0261**	**0.0000**	**46.0632**	**46.0632**	**0.0143**	**0.0000**	**46.4217**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	1.0700e-003	0.0105	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	1.8439	1.8439	8.0000e-005	0.0000	1.8459
Total	**1.3700e-003**	**1.0700e-003**	**0.0105**	**2.0000e-005**	**1.8800e-003**	**2.0000e-005**	**1.9000e-003**	**5.0000e-004**	**2.0000e-005**	**5.2000e-004**	**0.0000**	**1.8439**	**1.8439**	**8.0000e-005**	**0.0000**	**1.8459**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2023	1.7660	1.3273	2.0300e-003		0.1132	0.1132		0.1065	0.1065	0.0000	179.5143	179.5143	0.0440	0.0000	180.6138
Total	**0.2023**	**1.7660**	**1.3273**	**2.0300e-003**		**0.1132**	**0.1132**		**0.1065**	**0.1065**	**0.0000**	**179.5143**	**179.5143**	**0.0440**	**0.0000**	**180.6138**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1600e-003	0.0529	0.0148	1.0000e-004	2.4500e-003	4.7000e-004	2.9100e-003	7.1000e-004	4.5000e-004	1.1500e-003	0.0000	9.8361	9.8361	6.7000e-004	0.0000	9.8529
Worker	0.0519	0.0403	0.3970	7.7000e-004	0.0711	6.3000e-004	0.0717	0.0189	5.8000e-004	0.0195	0.0000	69.6055	69.6055	3.1000e-003	0.0000	69.6830
Total	**0.0540**	**0.0932**	**0.4118**	**8.7000e-004**	**0.0736**	**1.1000e-003**	**0.0746**	**0.0196**	**1.0300e-003**	**0.0207**	**0.0000**	**79.4416**	**79.4416**	**3.7700e-003**	**0.0000**	**79.5359**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2023	1.7659	1.3273	2.0300e-003		0.1132	0.1132		0.1065	0.1065	0.0000	179.5141	179.5141	0.0440	0.0000	180.6136
Total	**0.2023**	**1.7659**	**1.3273**	**2.0300e-003**		**0.1132**	**0.1132**		**0.1065**	**0.1065**	**0.0000**	**179.5141**	**179.5141**	**0.0440**	**0.0000**	**180.6136**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1600e-003	0.0529	0.0148	1.0000e-004	2.4500e-003	4.7000e-004	2.9100e-003	7.1000e-004	4.5000e-004	1.1500e-003	0.0000	9.8361	9.8361	6.7000e-004	0.0000	9.8529
Worker	0.0519	0.0403	0.3970	7.7000e-004	0.0711	6.3000e-004	0.0717	0.0189	5.8000e-004	0.0195	0.0000	69.6055	69.6055	3.1000e-003	0.0000	69.6830
Total	**0.0540**	**0.0932**	**0.4118**	**8.7000e-004**	**0.0736**	**1.1000e-003**	**0.0746**	**0.0196**	**1.0300e-003**	**0.0207**	**0.0000**	**79.4416**	**79.4416**	**3.7700e-003**	**0.0000**	**79.5359**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0933	0.8326	0.6780	1.0600e-003		0.0510	0.0510		0.0479	0.0479	0.0000	92.8662	92.8662	0.0226	0.0000	93.4317
Total	**0.0933**	**0.8326**	**0.6780**	**1.0600e-003**		**0.0510**	**0.0510**		**0.0479**	**0.0479**	**0.0000**	**92.8662**	**92.8662**	**0.0226**	**0.0000**	**93.4317**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0262	6.9300e-003	5.0000e-005	1.2800e-003	2.0000e-004	1.4800e-003	3.7000e-004	1.9000e-004	5.7000e-004	0.0000	5.1085	5.1085	3.4000e-004	0.0000	5.1170
Worker	0.0246	0.0186	0.1844	3.9000e-004	0.0372	3.1000e-004	0.0375	9.9000e-003	2.9000e-004	0.0102	0.0000	35.3595	35.3595	1.4300e-003	0.0000	35.3954
Total	**0.0256**	**0.0447**	**0.1914**	**4.4000e-004**	**0.0385**	**5.1000e-004**	**0.0390**	**0.0103**	**4.8000e-004**	**0.0108**	**0.0000**	**40.4680**	**40.4680**	**1.7700e-003**	**0.0000**	**40.5124**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0933	0.8326	0.6780	1.0600e-003		0.0510	0.0510		0.0479	0.0479	0.0000	92.8661	92.8661	0.0226	0.0000	93.4316
Total	**0.0933**	**0.8326**	**0.6780**	**1.0600e-003**		**0.0510**	**0.0510**		**0.0479**	**0.0479**	**0.0000**	**92.8661**	**92.8661**	**0.0226**	**0.0000**	**93.4316**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0262	6.9300e-003	5.0000e-005	1.2800e-003	2.0000e-004	1.4800e-003	3.7000e-004	1.9000e-004	5.7000e-004	0.0000	5.1085	5.1085	3.4000e-004	0.0000	5.1170
Worker	0.0246	0.0186	0.1844	3.9000e-004	0.0372	3.1000e-004	0.0375	9.9000e-003	2.9000e-004	0.0102	0.0000	35.3595	35.3595	1.4300e-003	0.0000	35.3954
Total	**0.0256**	**0.0447**	**0.1914**	**4.4000e-004**	**0.0385**	**5.1000e-004**	**0.0390**	**0.0103**	**4.8000e-004**	**0.0108**	**0.0000**	**40.4680**	**40.4680**	**1.7700e-003**	**0.0000**	**40.5124**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1146	0.1106	1.7000e-004		6.4600e-003	6.4600e-003		5.9600e-003	5.9600e-003	0.0000	15.0239	15.0239	4.6200e-003	0.0000	15.1395
Paving	1.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0128**	**0.1146**	**0.1106**	**1.7000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9600e-003**	**5.9600e-003**	**0.0000**	**15.0239**	**15.0239**	**4.6200e-003**	**0.0000**	**15.1395**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5600e-003	1.1700e-003	0.0117	2.0000e-005	2.3500e-003	2.0000e-005	2.3700e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.2379	2.2379	9.0000e-005	0.0000	2.2402
Total	**1.5600e-003**	**1.1700e-003**	**0.0117**	**2.0000e-005**	**2.3500e-003**	**2.0000e-005**	**2.3700e-003**	**6.3000e-004**	**2.0000e-005**	**6.5000e-004**	**0.0000**	**2.2379**	**2.2379**	**9.0000e-005**	**0.0000**	**2.2402**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1146	0.1106	1.7000e-004		6.4600e-003	6.4600e-003		5.9600e-003	5.9600e-003	0.0000	15.0239	15.0239	4.6200e-003	0.0000	15.1395
Paving	1.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0128**	**0.1146**	**0.1106**	**1.7000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9600e-003**	**5.9600e-003**	**0.0000**	**15.0239**	**15.0239**	**4.6200e-003**	**0.0000**	**15.1395**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5600e-003	1.1700e-003	0.0117	2.0000e-005	2.3500e-003	2.0000e-005	2.3700e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.2379	2.2379	9.0000e-005	0.0000	2.2402
Total	**1.5600e-003**	**1.1700e-003**	**0.0117**	**2.0000e-005**	**2.3500e-003**	**2.0000e-005**	**2.3700e-003**	**6.3000e-004**	**2.0000e-005**	**6.5000e-004**	**0.0000**	**2.2379**	**2.2379**	**9.0000e-005**	**0.0000**	**2.2402**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4797					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0165	0.0166	3.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	2.2979	2.2979	1.9000e-004	0.0000	2.3028
Total	**0.4821**	**0.0165**	**0.0166**	**3.0000e-005**		**1.1600e-003**	**1.1600e-003**		**1.1600e-003**	**1.1600e-003**	**0.0000**	**2.2979**	**2.2979**	**1.9000e-004**	**0.0000**	**2.3028**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	4.2300e-003	0.0420	9.0000e-005	8.4800e-003	7.0000e-005	8.5500e-003	2.2600e-003	7.0000e-005	2.3200e-003	0.0000	8.0566	8.0566	3.3000e-004	0.0000	8.0648
Total	**5.6100e-003**	**4.2300e-003**	**0.0420**	**9.0000e-005**	**8.4800e-003**	**7.0000e-005**	**8.5500e-003**	**2.2600e-003**	**7.0000e-005**	**2.3200e-003**	**0.0000**	**8.0566**	**8.0566**	**3.3000e-004**	**0.0000**	**8.0648**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4797					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0165	0.0166	3.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	2.2979	2.2979	1.9000e-004	0.0000	2.3028
Total	**0.4821**	**0.0165**	**0.0166**	**3.0000e-005**		**1.1600e-003**	**1.1600e-003**		**1.1600e-003**	**1.1600e-003**	**0.0000**	**2.2979**	**2.2979**	**1.9000e-004**	**0.0000**	**2.3028**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	4.2300e-003	0.0420	9.0000e-005	8.4800e-003	7.0000e-005	8.5500e-003	2.2600e-003	7.0000e-005	2.3200e-003	0.0000	8.0566	8.0566	3.3000e-004	0.0000	8.0648
Total	**5.6100e-003**	**4.2300e-003**	**0.0420**	**9.0000e-005**	**8.4800e-003**	**7.0000e-005**	**8.5500e-003**	**2.2600e-003**	**7.0000e-005**	**2.3200e-003**	**0.0000**	**8.0566**	**8.0566**	**3.3000e-004**	**0.0000**	**8.0648**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.0745	0.3570	0.8212	2.0500e-003	0.1528	3.3800e-003	0.1562	0.0411	3.2000e-003	0.0443	0.0000	188.2502	188.2502	9.5100e-003	0.0000	188.4880
Unmitigated	0.0751	0.3615	0.8329	2.0900e-003	0.1559	3.4400e-003	0.1594	0.0420	3.2600e-003	0.0452	0.0000	191.8601	191.8601	9.6500e-003	0.0000	192.1013

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	188.65	156.31	173.46	420,025	411,625
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	188.65	156.31	173.46	420,025	411,625

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	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	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Other Non-Asphalt Surfaces	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Parking Lot	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Congregate Care (Assisted Living)	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	59.8503	59.8503	2.7100e-003	5.6000e-004	60.0848
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	62.8769	62.8769	2.8400e-003	5.9000e-004	63.1233
NaturalGas Mitigated	1.7900e-003	0.0153	6.5200e-003	1.0000e-004		1.2400e-003	1.2400e-003		1.2400e-003	1.2400e-003	0.0000	17.7483	17.7483	3.4000e-004	3.3000e-004	17.8538
NaturalGas Unmitigated	2.9200e-003	0.0250	0.0106	1.6000e-004		2.0200e-003	2.0200e-003		2.0200e-003	2.0200e-003	0.0000	28.9437	28.9437	5.5000e-004	5.3000e-004	29.1157

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					
Congregate Care (Assisted Living)	542384	2.9200e-003	0.0250	0.0106	1.6000e-004		2.0200e-003	2.0200e-003		2.0200e-003	2.0200e-003	0.0000	28.9437	28.9437	5.5000e-004	5.3000e-004	29.1157
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
Other Non-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
Parking Lot	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		**2.9200e-003**	**0.0250**	**0.0106**	**1.6000e-004**		**2.0200e-003**	**2.0200e-003**		**2.0200e-003**	**2.0200e-003**	**0.0000**	**28.9437**	**28.9437**	**5.5000e-004**	**5.3000e-004**	**29.1157**

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					
Congregate Care (Assisted Living)	332590	1.7900e-003	0.0153	6.5200e-003	1.0000e-004		1.2400e-003	1.2400e-003		1.2400e-003	1.2400e-003	0.0000	17.7483	17.7483	3.4000e-004	3.3000e-004	17.8538
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
Other Non-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
Parking Lot	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		**1.7900e-003**	**0.0153**	**6.5200e-003**	**1.0000e-004**		**1.2400e-003**	**1.2400e-003**		**1.2400e-003**	**1.2400e-003**	**0.0000**	**17.7483**	**17.7483**	**3.4000e-004**	**3.3000e-004**	**17.8538**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	216138	62.8769	2.8400e-003	5.9000e-004	63.1233
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**62.8769**	**2.8400e-003**	**5.9000e-004**	**63.1233**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	205734	59.8503	2.7100e-003	5.6000e-004	60.0848
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**59.8503**	**2.7100e-003**	**5.6000e-004**	**60.0848**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.3252	4.2100e-003	0.3636	2.0000e-005		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	0.5901	0.5901	5.8000e-004	0.0000	0.6046
Unmitigated	0.3254	4.2400e-003	0.3662	2.0000e-005		2.0100e-003	2.0100e-003		2.0100e-003	2.0100e-003	0.0000	0.5955	0.5955	5.9000e-004	0.0000	0.6101

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	0.0480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0113	4.2400e-003	0.3662	2.0000e-005		2.0100e-003	2.0100e-003		2.0100e-003	2.0100e-003	0.0000	0.5955	0.5955	5.9000e-004	0.0000	0.6101
Total	**0.3254**	**4.2400e-003**	**0.3662**	**2.0000e-005**		**2.0100e-003**	**2.0100e-003**		**2.0100e-003**	**2.0100e-003**	**0.0000**	**0.5955**	**0.5955**	**5.9000e-004**	**0.0000**	**0.6101**

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	0.0480					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2661					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0111	4.2100e-003	0.3636	2.0000e-005		1.9900e-003	1.9900e-003		1.9900e-003	1.9900e-003	0.0000	0.5901	0.5901	5.8000e-004	0.0000	0.6046
Total	**0.3252**	**4.2100e-003**	**0.3636**	**2.0000e-005**		**1.9900e-003**	**1.9900e-003**		**1.9900e-003**	**1.9900e-003**	**0.0000**	**0.5901**	**0.5901**	**5.8000e-004**	**0.0000**	**0.6046**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	6.4701	0.0835	2.0200e-003	9.1584
Unmitigated	8.0876	0.1044	2.5200e-003	11.4481

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	3.19255 / 2.01269	8.0876	0.1044	2.5200e-003	11.4481
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**8.0876**	**0.1044**	**2.5200e-003**	**11.4481**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	2.55404 / 1.61015	6.4701	0.0835	2.0200e-003	9.1584
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**6.4701**	**0.0835**	**2.0200e-003**	**9.1584**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	2.7227	0.1609	0.0000	6.7454
Unmitigated	9.0757	0.5364	0.0000	22.4847

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	44.71	9.0757	0.5364	0.0000	22.4847
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**9.0757**	**0.5364**	**0.0000**	**22.4847**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	13.413	2.7227	0.1609	0.0000	6.7454
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**2.7227**	**0.1609**	**0.0000**	**6.7454**

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

Emerald Isle Unmitigated Construction and Project Operations

Sonoma-San Francisco County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.53	Acre	0.53	0.00	0
Other Non-Asphalt Surfaces	1.53	Acre	1.53	0.00	0
Parking Lot	63.00	Space	0.57	0.00	0
Congregate Care (Assisted Living)	49.00	Dwelling Unit	1.51	68,144.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	75
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emerald Isle Assisted Living Project - Unmitigated Construction and Project Operations

Land Use - Based on site plan and project description

Construction Phase - Adjusted based on input from the Project Applicant.
March 2018 start date, duration 12-15 months

Off-road Equipment - Equipment usage adjusted to conserve default horsepower hours

Off-road Equipment - Expected equipment for the underground utilities phase

Trips and VMT - At the peak of construction activities there would be 60 workers on-site

Grading - 29,304 cubic yards of material to be exported

Vehicle Trips - Focused Traffic Study for the Emerald Isle Assisted Living Project prepared by W-Trans on May 10, 2017
ITE Trip Generation Manual, 9th Ed (ITE Code 254)

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust

Mobile Land Use Mitigation - Existing project site conditions

Energy Mitigation - 15% more efficient than 2016 Title 24

Water Mitigation - Green Building Code Standards

Waste Mitigation - Adopt a long-term waste diversion goal of a 70% diversion rate by 2015

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingValue	0	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	8.00	45.00
tblConstructionPhase	NumDays	18.00	5.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	22.50	4.14
tblGrading	MaterialExported	0.00	29,304.00
tblLandUse	BuildingSpaceSquareFeet	23,086.80	0.00
tblLandUse	BuildingSpaceSquareFeet	66,646.80	0.00
tblLandUse	BuildingSpaceSquareFeet	25,200.00	0.00
tblLandUse	BuildingSpaceSquareFeet	49,000.00	68,144.00
tblLandUse	LandUseSquareFeet	23,086.80	0.00
tblLandUse	LandUseSquareFeet	66,646.80	0.00
tblLandUse	LandUseSquareFeet	25,200.00	0.00
tblLandUse	LandUseSquareFeet	49,000.00	68,144.00
tblLandUse	LotAcreage	3.06	1.51
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	5.70
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	35.00	120.00
tblTripsAndVMT	WorkerTripNumber	68.00	120.00
tblTripsAndVMT	WorkerTripNumber	7.00	120.00
tblVehicleTrips	ST_TR	2.20	3.19
tblVehicleTrips	SU_TR	2.44	3.54
tblVehicleTrips	WD_TR	2.74	3.85

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.6682	58.1622	23.3040	0.0972	18.2141	2.5782	20.7923	9.9699	2.3719	12.3418	0.0000	10,226.9197	10,226.9197	1.3757	0.0000	10,261.3121
2019	54.2044	46.2690	49.1527	0.0786	1.0194	2.5926	3.5783	0.2712	2.3914	2.6529	0.0000	7,674.4080	7,674.4080	2.0796	0.0000	7,726.3987
Maximum	**54.2044**	**58.1622**	**49.1527**	**0.0972**	**18.2141**	**2.5926**	**20.7923**	**9.9699**	**2.3914**	**12.3418**	**0.0000**	**10,226.9197**	**10,226.9197**	**2.0796**	**0.0000**	**10,261.3121**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.6682	58.1622	23.3040	0.0972	8.2777	2.5782	10.8558	4.5080	2.3719	6.8799	0.0000	10,226.9197	10,226.9197	1.3757	0.0000	10,261.3121
2019	54.2044	46.2690	49.1527	0.0786	1.0194	2.5926	3.5783	0.2712	2.3914	2.6529	0.0000	7,674.4080	7,674.4080	2.0796	0.0000	7,726.3987
Maximum	**54.2044**	**58.1622**	**49.1527**	**0.0972**	**8.2777**	**2.5926**	**10.8558**	**4.5080**	**2.3914**	**6.8799**	**0.0000**	**10,226.9197**	**10,226.9197**	**2.0796**	**0.0000**	**10,261.3121**

	ROG	NOx	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**	**51.66**	**0.00**	**40.77**	**53.33**	**0.00**	**36.43**	**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	1.8461	0.0471	4.0693	2.1000e-004		0.0223	0.0223		0.0223	0.0223		7.2933	7.2933	7.1800e-003		7.4729
Energy	0.0160	0.1369	0.0583	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.8217	174.8217	3.3500e-003	3.2100e-003	175.8606
Mobile	0.4753	1.9896	4.8016	0.0125	0.9294	0.0196	0.9490	0.2493	0.0185	0.2678		1,263.2335	1,263.2335	0.0607		1,264.7505
Total	**2.3374**	**2.1737**	**8.9292**	**0.0136**	**0.9294**	**0.0529**	**0.9823**	**0.2493**	**0.0518**	**0.3011**		**1,445.3485**	**1,445.3485**	**0.0712**	**3.2100e-003**	**1,448.0840**

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	1.8444	0.0468	4.0399	2.1000e-004		0.0221	0.0221		0.0221	0.0221		7.2275	7.2275	7.0800e-003		7.4045
Energy	9.8300e-003	0.0840	0.0357	5.4000e-004		6.7900e-003	6.7900e-003		6.7900e-003	6.7900e-003		107.2008	107.2008	2.0500e-003	1.9700e-003	107.8378
Mobile	0.4721	1.9650	4.7284	0.0123	0.9109	0.0192	0.9300	0.2443	0.0182	0.2624		1,239.4467	1,239.4467	0.0598		1,240.9416
Total	**2.3262**	**2.0958**	**8.8039**	**0.0130**	**0.9109**	**0.0481**	**0.9589**	**0.2443**	**0.0471**	**0.2913**		**1,353.8750**	**1,353.8750**	**0.0689**	**1.9700e-003**	**1,356.1840**

	ROG	NOx	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	**0.48**	**3.58**	**1.40**	**4.19**	**2.00**	**9.09**	**2.38**	**2.00**	**9.24**	**3.25**	**0.00**	**6.33**	**6.33**	**3.20**	**38.63**	**6.35**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/1/2018	3/7/2018	5	5	
2	Grading	Grading	3/8/2018	4/28/2018	6	45	
3	Underground Utilities	Trenching	4/29/2018	7/7/2018	6	60	
4	Building Construction	Building Construction	7/8/2018	4/2/2019	6	230	
5	Paving	Paving	4/3/2019	4/9/2019	5	5	
6	Architectural Coating	Architectural Coating	4/10/2019	5/3/2019	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4.14

Acres of Paving: 2.63

Residential Indoor: 137,992; Residential Outdoor: 45,997; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Underground Utilities	Excavators	1	8.00	158	0.38
Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	6	7.20	9	0.56
Paving	Pavers	4	7.20	130	0.42
Paving	Paving Equipment	6	7.20	132	0.36
Paving	Rollers	6	7.20	80	0.38
Paving	Tractors/Loaders/Backhoes	5	5.70	97	0.37
Architectural Coating	Air Compressors	1	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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Underground Utilities	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	120.00	5.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	27	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**18.0663**	**2.5769**	**20.6432**	**9.9307**	**2.3708**	**12.3014**		**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1054	0.0715	0.8277	1.6300e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		162.1839	162.1839	7.0600e-003		162.3603
Total	**0.1054**	**0.0715**	**0.8277**	**1.6300e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**162.1839**	**162.1839**	**7.0600e-003**		**162.3603**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**8.1298**	**2.5769**	**10.7067**	**4.4688**	**2.3708**	**6.8396**	**0.0000**	**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1054	0.0715	0.8277	1.6300e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		162.1839	162.1839	7.0600e-003		162.3603
Total	**0.1054**	**0.0715**	**0.8277**	**1.6300e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**162.1839**	**162.1839**	**7.0600e-003**		**162.3603**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1933	0.0000	6.1933	3.3319	0.0000	3.3319			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272		2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**2.7733**	**30.6725**	**16.5770**	**0.0297**	**6.1933**	**1.5513**	**7.7446**	**3.3319**	**1.4272**	**4.7591**		**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8111	27.4301	5.4730	0.0662	1.4061	0.1520	1.5581	0.3839	0.1454	0.5293		7,103.7449	7,103.7449	0.4396		7,114.7350
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0879	0.0596	0.6897	1.3600e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		135.1532	135.1532	5.8800e-003		135.3003
Total	**0.8990**	**27.4897**	**6.1627**	**0.0676**	**1.5293**	**0.1530**	**1.6823**	**0.4166**	**0.1464**	**0.5630**		**7,238.8981**	**7,238.8981**	**0.4455**		**7,250.0352**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7870	0.0000	2.7870	1.4994	0.0000	1.4994			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272	0.0000	2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**2.7733**	**30.6725**	**16.5770**	**0.0297**	**2.7870**	**1.5513**	**4.3383**	**1.4994**	**1.4272**	**2.9266**	**0.0000**	**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8111	27.4301	5.4730	0.0662	1.4061	0.1520	1.5581	0.3839	0.1454	0.5293		7,103.7449	7,103.7449	0.4396		7,114.7350
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0879	0.0596	0.6897	1.3600e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		135.1532	135.1532	5.8800e-003		135.3003
Total	**0.8990**	**27.4897**	**6.1627**	**0.0676**	**1.5293**	**0.1530**	**1.6823**	**0.4166**	**0.1464**	**0.5630**		**7,238.8981**	**7,238.8981**	**0.4455**		**7,250.0352**

3.4 Underground Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7214	18.2856	9.9889	0.0168		0.9470	0.9470		0.8713	0.8713		1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**1.7214**	**18.2856**	**9.9889**	**0.0168**		**0.9470**	**0.9470**		**0.8713**	**0.8713**		**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0318	0.3679	7.3000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		72.0817	72.0817	3.1400e-003		72.1601
Total	**0.0469**	**0.0318**	**0.3679**	**7.3000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**72.0817**	**72.0817**	**3.1400e-003**		**72.1601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7214	18.2856	9.9889	0.0168		0.9470	0.9470		0.8713	0.8713	0.0000	1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**1.7214**	**18.2856**	**9.9889**	**0.0168**		**0.9470**	**0.9470**		**0.8713**	**0.8713**	**0.0000**	**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0318	0.3679	7.3000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		72.0817	72.0817	3.1400e-003		72.1601
Total	**0.0469**	**0.0318**	**0.3679**	**7.3000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**72.0817**	**72.0817**	**3.1400e-003**		**72.1601**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**2.6795**	**23.3900**	**17.5804**	**0.0269**		**1.4999**	**1.4999**		**1.4099**	**1.4099**		**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0280	0.6915	0.1847	1.3600e-003	0.0337	6.1100e-003	0.0398	9.6800e-003	5.8400e-003	0.0155		144.8429	144.8429	9.5000e-003		145.0804
Worker	0.7029	0.4766	5.5178	0.0109	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,081.2257	1,081.2257	0.0471		1,082.4021
Total	**0.7309**	**1.1680**	**5.7026**	**0.0122**	**1.0194**	**0.0144**	**1.0338**	**0.2712**	**0.0135**	**0.2846**		**1,226.0686**	**1,226.0686**	**0.0566**		**1,227.4824**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**2.6795**	**23.3900**	**17.5804**	**0.0269**		**1.4999**	**1.4999**		**1.4099**	**1.4099**	**0.0000**	**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0280	0.6915	0.1847	1.3600e-003	0.0337	6.1100e-003	0.0398	9.6800e-003	5.8400e-003	0.0155		144.8429	144.8429	9.5000e-003		145.0804
Worker	0.7029	0.4766	5.5178	0.0109	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,081.2257	1,081.2257	0.0471		1,082.4021
Total	**0.7309**	**1.1680**	**5.7026**	**0.0122**	**1.0194**	**0.0144**	**1.0338**	**0.2712**	**0.0135**	**0.2846**		**1,226.0686**	**1,226.0686**	**0.0566**		**1,227.4824**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0246	0.6543	0.1651	1.3500e-003	0.0337	5.1100e-003	0.0388	9.6800e-003	4.8900e-003	0.0146		143.8107	143.8107	9.1400e-003		144.0392
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6633**	**1.0736**	**5.0774**	**0.0119**	**1.0194**	**0.0131**	**1.0325**	**0.2712**	**0.0122**	**0.2834**		**1,193.8028**	**1,193.8028**	**0.0509**		**1,195.0743**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0246	0.6543	0.1651	1.3500e-003	0.0337	5.1100e-003	0.0388	9.6800e-003	4.8900e-003	0.0146		143.8107	143.8107	9.1400e-003		144.0392
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6633**	**1.0736**	**5.0774**	**0.0119**	**1.0194**	**0.0131**	**1.0325**	**0.2712**	**0.0122**	**0.2834**		**1,193.8028**	**1,193.8028**	**0.0509**		**1,195.0743**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5557	45.8497	44.2405	0.0680		2.5846	2.5846		2.3841	2.3841		6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.1321**	**45.8497**	**44.2405**	**0.0680**		**2.5846**	**2.5846**		**2.3841**	**2.3841**		**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5557	45.8497	44.2405	0.0680		2.5846	2.5846		2.3841	2.3841	0.0000	6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.1321**	**45.8497**	**44.2405**	**0.0680**		**2.5846**	**2.5846**		**2.3841**	**2.3841**	**0.0000**	**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	**53.5657**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**282.0423**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	**53.5657**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**282.0423**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4721	1.9650	4.7284	0.0123	0.9109	0.0192	0.9300	0.2443	0.0182	0.2624		1,239.4467	1,239.4467	0.0598		1,240.9416
Unmitigated	0.4753	1.9896	4.8016	0.0125	0.9294	0.0196	0.9490	0.2493	0.0185	0.2678		1,263.2335	1,263.2335	0.0607		1,264.7505

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	188.65	156.31	173.46	420,025	411,625
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	188.65	156.31	173.46	420,025	411,625

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-...	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	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	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Other Non-Asphalt Surfaces	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Parking Lot	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Congregate Care (Assisted Living)	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.8300e-003	0.0840	0.0357	5.4000e-004		6.7900e-003	6.7900e-003		6.7900e-003	6.7900e-003		107.2008	107.2008	2.0500e-003	1.9700e-003	107.8378
NaturalGas Unmitigated	0.0160	0.1369	0.0583	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.8217	174.8217	3.3500e-003	3.2100e-003	175.8606

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					
Congregate Care (Assisted Living)	1485.98	0.0160	0.1369	0.0583	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.8217	174.8217	3.3500e-003	3.2100e-003	175.8606
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
Other Non-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
Parking Lot	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		**0.0160**	**0.1369**	**0.0583**	**8.7000e-004**		**0.0111**	**0.0111**		**0.0111**	**0.0111**		**174.8217**	**174.8217**	**3.3500e-003**	**3.2100e-003**	**175.8606**

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					
Congregate Care (Assisted Living)	0.911206	9.8300e-003	0.0840	0.0357	5.4000e-004		6.7900e-003	6.7900e-003		6.7900e-003	6.7900e-003		107.2008	107.2008	2.0500e-003	1.9700e-003	107.8378
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
Other Non-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
Parking Lot	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		**9.8300e-003**	**0.0840**	**0.0357**	**5.4000e-004**		**6.7900e-003**	**6.7900e-003**		**6.7900e-003**	**6.7900e-003**		**107.2008**	**107.2008**	**2.0500e-003**	**1.9700e-003**	**107.8378**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8444	0.0468	4.0399	2.1000e-004		0.0221	0.0221		0.0221	0.0221		7.2275	7.2275	7.0800e-003		7.4045
Unmitigated	1.8461	0.0471	4.0693	2.1000e-004		0.0223	0.0223		0.0223	0.0223		7.2933	7.2933	7.1800e-003		7.4729

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	0.2629					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4583					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.1250	0.0471	4.0693	2.1000e-004		0.0223	0.0223		0.0223	0.0223		7.2933	7.2933	7.1800e-003		7.4729
Total	**1.8461**	**0.0471**	**4.0693**	**2.1000e-004**		**0.0223**	**0.0223**		**0.0223**	**0.0223**		**7.2933**	**7.2933**	**7.1800e-003**		**7.4729**

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	0.2629					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4583					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.1232	0.0468	4.0399	2.1000e-004		0.0221	0.0221		0.0221	0.0221		7.2275	7.2275	7.0800e-003		7.4045
Total	**1.8444**	**0.0468**	**4.0399**	**2.1000e-004**		**0.0221**	**0.0221**		**0.0221**	**0.0221**		**7.2275**	**7.2275**	**7.0800e-003**		**7.4045**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

Emerald Isle Unmitigated Construction and Project Operations

Sonoma-San Francisco County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.53	Acre	0.53	0.00	0
Other Non-Asphalt Surfaces	1.53	Acre	1.53	0.00	0
Parking Lot	63.00	Space	0.57	0.00	0
Congregate Care (Assisted Living)	49.00	Dwelling Unit	1.51	68,144.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	75
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emerald Isle Assisted Living Project - Unmitigated Construction and Project Operations

Land Use - Based on site plan and project description

Construction Phase - Adjusted based on input from the Project Applicant.
March 2018 start date, duration 12-15 months

Off-road Equipment - Equipment usage adjusted to conserve default horsepower hours

Off-road Equipment - Expected equipment for the underground utilities phase

Trips and VMT - At the peak of construction activities there would be 60 workers on-site

Grading - 29,304 cubic yards of material to be exported

Vehicle Trips - Focused Traffic Study for the Emerald Isle Assisted Living Project prepared by W-Trans on May 10, 2017
ITE Trip Generation Manual, 9th Ed (ITE Code 254)

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust

Mobile Land Use Mitigation - Existing project site conditions

Energy Mitigation - 15% more efficient than 2016 Title 24

Water Mitigation - Green Building Code Standards

Waste Mitigation - Adopt a long-term waste diversion goal of a 70% diversion rate by 2015

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingValue	0	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstructionPhase	NumDays	8.00	45.00
tblConstructionPhase	NumDays	18.00	5.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	22.50	4.14
tblGrading	MaterialExported	0.00	29,304.00
tblLandUse	BuildingSpaceSquareFeet	23,086.80	0.00
tblLandUse	BuildingSpaceSquareFeet	66,646.80	0.00
tblLandUse	BuildingSpaceSquareFeet	25,200.00	0.00
tblLandUse	BuildingSpaceSquareFeet	49,000.00	68,144.00
tblLandUse	LandUseSquareFeet	23,086.80	0.00
tblLandUse	LandUseSquareFeet	66,646.80	0.00
tblLandUse	LandUseSquareFeet	25,200.00	0.00
tblLandUse	LandUseSquareFeet	49,000.00	68,144.00
tblLandUse	LotAcreage	3.06	1.51
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	5.70
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	35.00	120.00
tblTripsAndVMT	WorkerTripNumber	68.00	120.00
tblTripsAndVMT	WorkerTripNumber	7.00	120.00
tblVehicleTrips	ST_TR	2.20	3.19
tblVehicleTrips	SU_TR	2.44	3.54
tblVehicleTrips	WD_TR	2.74	3.85

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.6767	58.9094	23.2920	0.0963	18.2141	2.5782	20.7923	9.9699	2.3719	12.3418	0.0000	10,126.3553	10,126.3553	1.3978	0.0000	10,161.2993
2019	54.2550	46.3693	49.0588	0.0778	1.0194	2.5926	3.5783	0.2712	2.3914	2.6529	0.0000	7,600.2836	7,600.2836	2.0783	0.0000	7,652.2406
Maximum	**54.2550**	**58.9094**	**49.0588**	**0.0963**	**18.2141**	**2.5926**	**20.7923**	**9.9699**	**2.3914**	**12.3418**	**0.0000**	**10,126.3553**	**10,126.3553**	**2.0783**	**0.0000**	**10,161.2993**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.6767	58.9094	23.2920	0.0963	8.2777	2.5782	10.8558	4.5080	2.3719	6.8799	0.0000	10,126.3553	10,126.3553	1.3978	0.0000	10,161.2993
2019	54.2550	46.3693	49.0588	0.0778	1.0194	2.5926	3.5783	0.2712	2.3914	2.6529	0.0000	7,600.2836	7,600.2836	2.0783	0.0000	7,652.2406
Maximum	**54.2550**	**58.9094**	**49.0588**	**0.0963**	**8.2777**	**2.5926**	**10.8558**	**4.5080**	**2.3914**	**6.8799**	**0.0000**	**10,126.3553**	**10,126.3553**	**2.0783**	**0.0000**	**10,161.2993**

	ROG	NOx	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**	**51.66**	**0.00**	**40.77**	**53.33**	**0.00**	**36.43**	**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	1.8461	0.0471	4.0693	2.1000e-004		0.0223	0.0223		0.0223	0.0223		7.2933	7.2933	7.1800e-003		7.4729
Energy	0.0160	0.1369	0.0583	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.8217	174.8217	3.3500e-003	3.2100e-003	175.8606
Mobile	0.4290	2.1151	5.0030	0.0118	0.9294	0.0198	0.9492	0.2493	0.0187	0.2680		1,194.1871	1,194.1871	0.0623		1,195.7436
Total	**2.2911**	**2.2992**	**9.1306**	**0.0129**	**0.9294**	**0.0531**	**0.9826**	**0.2493**	**0.0521**	**0.3013**		**1,376.3022**	**1,376.3022**	**0.0728**	**3.2100e-003**	**1,379.0771**

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	1.8444	0.0468	4.0399	2.1000e-004		0.0221	0.0221		0.0221	0.0221		7.2275	7.2275	7.0800e-003		7.4045
Energy	9.8300e-003	0.0840	0.0357	5.4000e-004		6.7900e-003	6.7900e-003		6.7900e-003	6.7900e-003		107.2008	107.2008	2.0500e-003	1.9700e-003	107.8378
Mobile	0.4258	2.0880	4.9358	0.0116	0.9109	0.0194	0.9303	0.2443	0.0184	0.2627		1,171.6660	1,171.6660	0.0614		1,173.2014
Total	**2.2800**	**2.2188**	**9.0114**	**0.0124**	**0.9109**	**0.0483**	**0.9592**	**0.2443**	**0.0473**	**0.2916**		**1,286.0943**	**1,286.0943**	**0.0706**	**1.9700e-003**	**1,288.4437**

	ROG	NOx	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	**0.49**	**3.49**	**1.31**	**4.26**	**2.00**	**9.05**	**2.38**	**2.00**	**9.20**	**3.24**	**0.00**	**6.55**	**6.55**	**3.08**	**38.63**	**6.57**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/1/2018	3/7/2018	5	5	
2	Grading	Grading	3/8/2018	4/28/2018	6	45	
3	Underground Utilities	Trenching	4/29/2018	7/7/2018	6	60	
4	Building Construction	Building Construction	7/8/2018	4/2/2019	6	230	
5	Paving	Paving	4/3/2019	4/9/2019	5	5	
6	Architectural Coating	Architectural Coating	4/10/2019	5/3/2019	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4.14

Acres of Paving: 2.63

Residential Indoor: 137,992; Residential Outdoor: 45,997; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Underground Utilities	Excavators	1	8.00	158	0.38
Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	6	7.20	9	0.56
Paving	Pavers	4	7.20	130	0.42
Paving	Paving Equipment	6	7.20	132	0.36
Paving	Rollers	6	7.20	80	0.38
Paving	Tractors/Loaders/Backhoes	5	5.70	97	0.37
Architectural Coating	Air Compressors	1	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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Underground Utilities	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	120.00	5.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	27	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**18.0663**	**2.5769**	**20.6432**	**9.9307**	**2.3708**	**12.3014**		**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1140	0.0885	0.8157	1.5200e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		150.7566	150.7566	6.8500e-003		150.9278
Total	**0.1140**	**0.0885**	**0.8157**	**1.5200e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**150.7566**	**150.7566**	**6.8500e-003**		**150.9278**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**8.1298**	**2.5769**	**10.7067**	**4.4688**	**2.3708**	**6.8396**	**0.0000**	**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1140	0.0885	0.8157	1.5200e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		150.7566	150.7566	6.8500e-003		150.9278
Total	**0.1140**	**0.0885**	**0.8157**	**1.5200e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**150.7566**	**150.7566**	**6.8500e-003**		**150.9278**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1933	0.0000	6.1933	3.3319	0.0000	3.3319			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272		2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**2.7733**	**30.6725**	**16.5770**	**0.0297**	**6.1933**	**1.5513**	**7.7446**	**3.3319**	**1.4272**	**4.7591**		**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8348	28.1631	5.9155	0.0654	1.4061	0.1557	1.5618	0.3839	0.1490	0.5329		7,012.7032	7,012.7032	0.4618		7,024.2493
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0738	0.6797	1.2700e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		125.6305	125.6305	5.7100e-003		125.7732
Total	**0.9298**	**28.2369**	**6.5953**	**0.0666**	**1.5293**	**0.1567**	**1.6860**	**0.4166**	**0.1499**	**0.5665**		**7,138.3337**	**7,138.3337**	**0.4676**		**7,150.0224**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7870	0.0000	2.7870	1.4994	0.0000	1.4994			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272	0.0000	2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**2.7733**	**30.6725**	**16.5770**	**0.0297**	**2.7870**	**1.5513**	**4.3383**	**1.4994**	**1.4272**	**2.9266**	**0.0000**	**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8348	28.1631	5.9155	0.0654	1.4061	0.1557	1.5618	0.3839	0.1490	0.5329		7,012.7032	7,012.7032	0.4618		7,024.2493
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0738	0.6797	1.2700e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		125.6305	125.6305	5.7100e-003		125.7732
Total	**0.9298**	**28.2369**	**6.5953**	**0.0666**	**1.5293**	**0.1567**	**1.6860**	**0.4166**	**0.1499**	**0.5665**		**7,138.3337**	**7,138.3337**	**0.4676**		**7,150.0224**

3.4 Underground Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7214	18.2856	9.9889	0.0168		0.9470	0.9470		0.8713	0.8713		1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**1.7214**	**18.2856**	**9.9889**	**0.0168**		**0.9470**	**0.9470**		**0.8713**	**0.8713**		**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0507	0.0394	0.3625	6.7000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		67.0029	67.0029	3.0400e-003		67.0790
Total	**0.0507**	**0.0394**	**0.3625**	**6.7000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**67.0029**	**67.0029**	**3.0400e-003**		**67.0790**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7214	18.2856	9.9889	0.0168		0.9470	0.9470		0.8713	0.8713	0.0000	1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**1.7214**	**18.2856**	**9.9889**	**0.0168**		**0.9470**	**0.9470**		**0.8713**	**0.8713**	**0.0000**	**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0507	0.0394	0.3625	6.7000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		67.0029	67.0029	3.0400e-003		67.0790
Total	**0.0507**	**0.0394**	**0.3625**	**6.7000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**67.0029**	**67.0029**	**3.0400e-003**		**67.0790**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**2.6795**	**23.3900**	**17.5804**	**0.0269**		**1.4999**	**1.4999**		**1.4099**	**1.4099**		**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0294	0.7024	0.2102	1.3400e-003	0.0337	6.2400e-003	0.0399	9.6800e-003	5.9700e-003	0.0157		141.9050	141.9050	0.0103		142.1619
Worker	0.7599	0.5902	5.4379	0.0101	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,005.0437	1,005.0437	0.0457		1,006.1855
Total	**0.7894**	**1.2926**	**5.6481**	**0.0115**	**1.0194**	**0.0145**	**1.0340**	**0.2712**	**0.0136**	**0.2848**		**1,146.9487**	**1,146.9487**	**0.0560**		**1,148.3474**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**2.6795**	**23.3900**	**17.5804**	**0.0269**		**1.4999**	**1.4999**		**1.4099**	**1.4099**	**0.0000**	**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0294	0.7024	0.2102	1.3400e-003	0.0337	6.2400e-003	0.0399	9.6800e-003	5.9700e-003	0.0157		141.9050	141.9050	0.0103		142.1619
Worker	0.7599	0.5902	5.4379	0.0101	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,005.0437	1,005.0437	0.0457		1,006.1855
Total	**0.7894**	**1.2926**	**5.6481**	**0.0115**	**1.0194**	**0.0145**	**1.0340**	**0.2712**	**0.0136**	**0.2848**		**1,146.9487**	**1,146.9487**	**0.0560**		**1,148.3474**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0259	0.6637	0.1881	1.3300e-003	0.0337	5.2300e-003	0.0389	9.6800e-003	5.0000e-003	0.0147		140.8389	140.8389	9.8800e-003		141.0860
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.7151**	**1.1833**	**5.0064**	**0.0112**	**1.0194**	**0.0132**	**1.0326**	**0.2712**	**0.0124**	**0.2835**		**1,116.7066**	**1,116.7066**	**0.0503**		**1,117.9629**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0259	0.6637	0.1881	1.3300e-003	0.0337	5.2300e-003	0.0389	9.6800e-003	5.0000e-003	0.0147		140.8389	140.8389	9.8800e-003		141.0860
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.7151**	**1.1833**	**5.0064**	**0.0112**	**1.0194**	**0.0132**	**1.0326**	**0.2712**	**0.0124**	**0.2835**		**1,116.7066**	**1,116.7066**	**0.0503**		**1,117.9629**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5557	45.8497	44.2405	0.0680		2.5846	2.5846		2.3841	2.3841		6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.1321**	**45.8497**	**44.2405**	**0.0680**		**2.5846**	**2.5846**		**2.3841**	**2.3841**		**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5557	45.8497	44.2405	0.0680		2.5846	2.5846		2.3841	2.3841	0.0000	6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.1321**	**45.8497**	**44.2405**	**0.0680**		**2.5846**	**2.5846**		**2.3841**	**2.3841**	**0.0000**	**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	**53.5657**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**282.0423**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288	0.0000	281.4481	281.4481	0.0238		282.0423
Total	**53.5657**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**282.0423**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Pedestrian Network

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4258	2.0880	4.9358	0.0116	0.9109	0.0194	0.9303	0.2443	0.0184	0.2627		1,171.6660	1,171.6660	0.0614		1,173.2014
Unmitigated	0.4290	2.1151	5.0030	0.0118	0.9294	0.0198	0.9492	0.2493	0.0187	0.2680		1,194.1871	1,194.1871	0.0623		1,195.7436

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	188.65	156.31	173.46	420,025	411,625
Other Asphalt Surfaces	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	188.65	156.31	173.46	420,025	411,625

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
Congregate Care (Assisted	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Other Non-Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	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	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Other Non-Asphalt Surfaces	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Parking Lot	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276
Congregate Care (Assisted Living)	0.558294	0.043613	0.174269	0.117152	0.033155	0.007464	0.028029	0.025150	0.002984	0.002020	0.005725	0.000869	0.001276

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	9.8300e-003	0.0840	0.0357	5.4000e-004		6.7900e-003	6.7900e-003		6.7900e-003	6.7900e-003		107.2008	107.2008	2.0500e-003	1.9700e-003	107.8378
NaturalGas Unmitigated	0.0160	0.1369	0.0583	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.8217	174.8217	3.3500e-003	3.2100e-003	175.8606

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					
Congregate Care (Assisted Living)	1485.98	0.0160	0.1369	0.0583	8.7000e-004		0.0111	0.0111		0.0111	0.0111		174.8217	174.8217	3.3500e-003	3.2100e-003	175.8606
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
Other Non-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
Parking Lot	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		**0.0160**	**0.1369**	**0.0583**	**8.7000e-004**		**0.0111**	**0.0111**		**0.0111**	**0.0111**		**174.8217**	**174.8217**	**3.3500e-003**	**3.2100e-003**	**175.8606**

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					
Congregate Care (Assisted Living)	0.911206	9.8300e-003	0.0840	0.0357	5.4000e-004		6.7900e-003	6.7900e-003		6.7900e-003	6.7900e-003		107.2008	107.2008	2.0500e-003	1.9700e-003	107.8378
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
Other Non-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
Parking Lot	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		**9.8300e-003**	**0.0840**	**0.0357**	**5.4000e-004**		**6.7900e-003**	**6.7900e-003**		**6.7900e-003**	**6.7900e-003**		**107.2008**	**107.2008**	**2.0500e-003**	**1.9700e-003**	**107.8378**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Use only Natural Gas Hearths

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	1.8444	0.0468	4.0399	2.1000e-004		0.0221	0.0221		0.0221	0.0221		7.2275	7.2275	7.0800e-003		7.4045
Unmitigated	1.8461	0.0471	4.0693	2.1000e-004		0.0223	0.0223		0.0223	0.0223		7.2933	7.2933	7.1800e-003		7.4729

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	0.2629					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4583					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.1250	0.0471	4.0693	2.1000e-004		0.0223	0.0223		0.0223	0.0223		7.2933	7.2933	7.1800e-003		7.4729
Total	**1.8461**	**0.0471**	**4.0693**	**2.1000e-004**		**0.0223**	**0.0223**		**0.0223**	**0.0223**		**7.2933**	**7.2933**	**7.1800e-003**		**7.4729**

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	0.2629					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.4583					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	0.1232	0.0468	4.0399	2.1000e-004		0.0221	0.0221		0.0221	0.0221		7.2275	7.2275	7.0800e-003		7.4045
Total	**1.8444**	**0.0468**	**4.0399**	**2.1000e-004**		**0.0221**	**0.0221**		**0.0221**	**0.0221**		**7.2275**	**7.2275**	**7.0800e-003**		**7.4045**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

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

Emerald Isle Tier IV Mitigated Construction

Sonoma-San Francisco County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.53	Acre	0.53	0.00	0
Other Non-Asphalt Surfaces	1.53	Acre	1.53	0.00	0
Parking Lot	63.00	Space	0.57	0.00	0
Congregate Care (Assisted Living)	49.00	Dwelling Unit	1.51	68,144.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	75
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emerald Isle Assisted Living Project - Tier IV Mitigated Construction

Land Use - Based on site plan and project description

Construction Phase - Adjusted based on input from the Project Applicant.
March 2018 start date, duration 12-15 months

Off-road Equipment - Equipment usage adjusted to conserve default horsepower hours

Off-road Equipment - Expected equipment for the underground utilities phase

Trips and VMT - At the peak of construction activities there would be 60 workers on-site

Grading - 29,304 cubic yards of material to be exported

Architectural Coating -

Vehicle Trips - Focused Traffic Study for the Emerald Isle Assisted Living Project prepared by W-Trans on May 10, 2017
ITE Trip Generation Manual, 9th Ed (ITE Code 254)

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust
Tier 4 mitigation required for equipment >50 HP

Mobile Land Use Mitigation - Existing project site conditions

Energy Mitigation - 15% more efficient than 2016 Title 24

Water Mitigation - Green Building Code Standards

Waste Mitigation - Adopt a long-term waste diversion goal of a 70% diversion rate by 2015

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingValue	0	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	8.00	45.00

tblConstructionPhase	NumDays	18.00	5.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	22.50	4.14
tblGrading	MaterialExported	0.00	29,304.00
tblLandUse	BuildingSpaceSquareFeet	23,086.80	0.00
tblLandUse	BuildingSpaceSquareFeet	66,646.80	0.00
tblLandUse	BuildingSpaceSquareFeet	25,200.00	0.00
tblLandUse	BuildingSpaceSquareFeet	49,000.00	68,144.00
tblLandUse	LandUseSquareFeet	23,086.80	0.00
tblLandUse	LandUseSquareFeet	66,646.80	0.00
tblLandUse	LandUseSquareFeet	25,200.00	0.00
tblLandUse	LandUseSquareFeet	49,000.00	68,144.00
tblLandUse	LotAcreage	3.06	1.51
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20

tblOffRoadEquipment	UsageHours	8.00	5.70
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	35.00	120.00
tblTripsAndVMT	WorkerTripNumber	68.00	120.00
tblTripsAndVMT	WorkerTripNumber	7.00	120.00
tblVehicleTrips	ST_TR	2.20	3.19
tblVehicleTrips	SU_TR	2.44	3.54
tblVehicleTrips	WD_TR	2.74	3.85

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2018	0.4038	3.8501	2.6225	5.7100e-003	0.2933	0.1876	0.4809	0.1291	0.1750	0.3041	0.0000	523.7007	523.7007	0.0932	0.0000	526.0299
2019	0.6210	1.0139	1.0502	1.8200e-003	0.0493	0.0592	0.1085	0.0132	0.0556	0.0688	0.0000	160.9505	160.9505	0.0296	0.0000	161.6913
Maximum	**0.6210**	**3.8501**	**2.6225**	**5.7100e-003**	**0.2933**	**0.1876**	**0.4809**	**0.1291**	**0.1750**	**0.3041**	**0.0000**	**523.7007**	**523.7007**	**0.0932**	**0.0000**	**526.0299**

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					
2018	0.1464	1.0121	2.6663	5.7100e-003	0.1919	0.0181	0.2100	0.0742	0.0179	0.0920	0.0000	523.7004	523.7004	0.0932	0.0000	526.0296
2019	0.5434	0.1776	1.0892	1.8200e-003	0.0493	6.5400e-003	0.0559	0.0132	6.5000e-003	0.0197	0.0000	160.9504	160.9504	0.0296	0.0000	161.6912
Maximum	**0.5434**	**1.0121**	**2.6663**	**5.7100e-003**	**0.1919**	**0.0181**	**0.2100**	**0.0742**	**0.0179**	**0.0920**	**0.0000**	**523.7004**	**523.7004**	**0.0932**	**0.0000**	**526.0296**

	ROG	NOx	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	**32.69**	**75.54**	**-2.26**	**0.00**	**29.62**	**90.02**	**54.90**	**38.60**	**89.43**	**70.04**	**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)
1	3-1-2018	5-31-2018	1.5184	0.6905
2	6-1-2018	8-31-2018	0.6593	0.1305
3	9-1-2018	11-30-2018	1.0956	0.2207
4	12-1-2018	2-28-2019	1.0147	0.2131
5	3-1-2019	5-31-2019	0.9723	0.5642
		Highest	1.5184	0.6905

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	3/1/2018	3/7/2018	5	5	
2	Grading	Grading	3/8/2018	4/28/2018	6	45	
3	Underground Utilities	Trenching	4/29/2018	7/7/2018	6	60	
4	Building Construction	Building Construction	7/8/2018	4/2/2019	6	230	
5	Paving	Paving	4/3/2019	4/9/2019	5	5	
6	Architectural Coating	Architectural Coating	4/10/2019	5/3/2019	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4.14

Acres of Paving: 2.63

Residential Indoor: 137,992; Residential Outdoor: 45,997; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Underground Utilities	Excavators	1	8.00	158	0.38
Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	6	7.20	9	0.56
Paving	Pavers	4	7.20	130	0.42
Paving	Paving Equipment	6	7.20	132	0.36
Paving	Rollers	6	7.20	80	0.38
Paving	Tractors/Loaders/Backhoes	5	5.70	97	0.37
Architectural Coating	Air Compressors	1	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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Underground Utilities	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	120.00	5.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	27	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0452	0.0000	0.0452	0.0248	0.0000	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.1205	0.0562	1.0000e-004		6.4400e-003	6.4400e-003		5.9300e-003	5.9300e-003	0.0000	8.6900	8.6900	2.7100e-003	0.0000	8.7576
Total	**0.0114**	**0.1205**	**0.0562**	**1.0000e-004**	**0.0452**	**6.4400e-003**	**0.0516**	**0.0248**	**5.9300e-003**	**0.0308**	**0.0000**	**8.6900**	**8.6900**	**2.7100e-003**	**0.0000**	**8.7576**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.0000e-004	1.9700e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3457	0.3457	2.0000e-005	0.0000	0.3461
Total	**2.6000e-004**	**2.0000e-004**	**1.9700e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.3457**	**0.3457**	**2.0000e-005**	**0.0000**	**0.3461**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0203	0.0000	0.0203	0.0112	0.0000	0.0112	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.1600e-003	5.0400e-003	0.0522	1.0000e-004		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	8.6900	8.6900	2.7100e-003	0.0000	8.7576
Total	**1.1600e-003**	**5.0400e-003**	**0.0522**	**1.0000e-004**	**0.0203**	**1.6000e-004**	**0.0205**	**0.0112**	**1.6000e-004**	**0.0113**	**0.0000**	**8.6900**	**8.6900**	**2.7100e-003**	**0.0000**	**8.7576**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6000e-004	2.0000e-004	1.9700e-003	0.0000	3.5000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3457	0.3457	2.0000e-005	0.0000	0.3461
Total	**2.6000e-004**	**2.0000e-004**	**1.9700e-003**	**0.0000**	**3.5000e-004**	**0.0000**	**3.6000e-004**	**9.0000e-005**	**0.0000**	**1.0000e-004**	**0.0000**	**0.3457**	**0.3457**	**2.0000e-005**	**0.0000**	**0.3461**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1394	0.0000	0.1394	0.0750	0.0000	0.0750	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0624	0.6901	0.3730	6.7000e-004		0.0349	0.0349		0.0321	0.0321	0.0000	60.9905	60.9905	0.0190	0.0000	61.4652
Total	**0.0624**	**0.6901**	**0.3730**	**6.7000e-004**	**0.1394**	**0.0349**	**0.1743**	**0.0750**	**0.0321**	**0.1071**	**0.0000**	**60.9905**	**60.9905**	**0.0190**	**0.0000**	**61.4652**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0185	0.6290	0.1272	1.4800e-003	0.0304	3.4600e-003	0.0339	8.3300e-003	3.3100e-003	0.0116	0.0000	144.2187	144.2187	9.1700e-003	0.0000	144.4479
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-003	1.5000e-003	0.0148	3.0000e-005	2.6500e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.5929	2.5929	1.2000e-004	0.0000	2.5958
Total	**0.0204**	**0.6305**	**0.1420**	**1.5100e-003**	**0.0330**	**3.4800e-003**	**0.0365**	**9.0400e-003**	**3.3300e-003**	**0.0124**	**0.0000**	**146.8116**	**146.8116**	**9.2900e-003**	**0.0000**	**147.0437**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0627	0.0000	0.0627	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.1700e-003	0.0354	0.3994	6.7000e-004		1.0900e-003	1.0900e-003		1.0900e-003	1.0900e-003	0.0000	60.9904	60.9904	0.0190	0.0000	61.4651
Total	**8.1700e-003**	**0.0354**	**0.3994**	**6.7000e-004**	**0.0627**	**1.0900e-003**	**0.0638**	**0.0337**	**1.0900e-003**	**0.0348**	**0.0000**	**60.9904**	**60.9904**	**0.0190**	**0.0000**	**61.4651**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0185	0.6290	0.1272	1.4800e-003	0.0304	3.4600e-003	0.0339	8.3300e-003	3.3100e-003	0.0116	0.0000	144.2187	144.2187	9.1700e-003	0.0000	144.4479
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9300e-003	1.5000e-003	0.0148	3.0000e-005	2.6500e-003	2.0000e-005	2.6700e-003	7.1000e-004	2.0000e-005	7.3000e-004	0.0000	2.5929	2.5929	1.2000e-004	0.0000	2.5958
Total	**0.0204**	**0.6305**	**0.1420**	**1.5100e-003**	**0.0330**	**3.4800e-003**	**0.0365**	**9.0400e-003**	**3.3300e-003**	**0.0124**	**0.0000**	**146.8116**	**146.8116**	**9.2900e-003**	**0.0000**	**147.0437**

3.4 Underground Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0516	0.5486	0.2997	5.0000e-004		0.0284	0.0284		0.0261	0.0261	0.0000	46.0632	46.0632	0.0143	0.0000	46.4217
Total	**0.0516**	**0.5486**	**0.2997**	**5.0000e-004**		**0.0284**	**0.0284**		**0.0261**	**0.0261**	**0.0000**	**46.0632**	**46.0632**	**0.0143**	**0.0000**	**46.4217**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	1.0700e-003	0.0105	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	1.8439	1.8439	8.0000e-005	0.0000	1.8459
Total	**1.3700e-003**	**1.0700e-003**	**0.0105**	**2.0000e-005**	**1.8800e-003**	**2.0000e-005**	**1.9000e-003**	**5.0000e-004**	**2.0000e-005**	**5.2000e-004**	**0.0000**	**1.8439**	**1.8439**	**8.0000e-005**	**0.0000**	**1.8459**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	6.1800e-003	0.0268	0.3028	5.0000e-004		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	46.0632	46.0632	0.0143	0.0000	46.4217
Total	**6.1800e-003**	**0.0268**	**0.3028**	**5.0000e-004**		**8.2000e-004**	**8.2000e-004**		**8.2000e-004**	**8.2000e-004**	**0.0000**	**46.0632**	**46.0632**	**0.0143**	**0.0000**	**46.4217**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3700e-003	1.0700e-003	0.0105	2.0000e-005	1.8800e-003	2.0000e-005	1.9000e-003	5.0000e-004	2.0000e-005	5.2000e-004	0.0000	1.8439	1.8439	8.0000e-005	0.0000	1.8459
Total	**1.3700e-003**	**1.0700e-003**	**0.0105**	**2.0000e-005**	**1.8800e-003**	**2.0000e-005**	**1.9000e-003**	**5.0000e-004**	**2.0000e-005**	**5.2000e-004**	**0.0000**	**1.8439**	**1.8439**	**8.0000e-005**	**0.0000**	**1.8459**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2023	1.7660	1.3273	2.0300e-003		0.1132	0.1132		0.1065	0.1065	0.0000	179.5143	179.5143	0.0440	0.0000	180.6138
Total	**0.2023**	**1.7660**	**1.3273**	**2.0300e-003**		**0.1132**	**0.1132**		**0.1065**	**0.1065**	**0.0000**	**179.5143**	**179.5143**	**0.0440**	**0.0000**	**180.6138**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1600e-003	0.0529	0.0148	1.0000e-004	2.4500e-003	4.7000e-004	2.9100e-003	7.1000e-004	4.5000e-004	1.1500e-003	0.0000	9.8361	9.8361	6.7000e-004	0.0000	9.8529
Worker	0.0519	0.0403	0.3970	7.7000e-004	0.0711	6.3000e-004	0.0717	0.0189	5.8000e-004	0.0195	0.0000	69.6055	69.6055	3.1000e-003	0.0000	69.6830
Total	**0.0540**	**0.0932**	**0.4118**	**8.7000e-004**	**0.0736**	**1.1000e-003**	**0.0746**	**0.0196**	**1.0300e-003**	**0.0207**	**0.0000**	**79.4416**	**79.4416**	**3.7700e-003**	**0.0000**	**79.5359**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0548	0.2199	1.3456	2.0300e-003		0.0114	0.0114		0.0114	0.0114	0.0000	179.5141	179.5141	0.0440	0.0000	180.6136
Total	**0.0548**	**0.2199**	**1.3456**	**2.0300e-003**		**0.0114**	**0.0114**		**0.0114**	**0.0114**	**0.0000**	**179.5141**	**179.5141**	**0.0440**	**0.0000**	**180.6136**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1600e-003	0.0529	0.0148	1.0000e-004	2.4500e-003	4.7000e-004	2.9100e-003	7.1000e-004	4.5000e-004	1.1500e-003	0.0000	9.8361	9.8361	6.7000e-004	0.0000	9.8529
Worker	0.0519	0.0403	0.3970	7.7000e-004	0.0711	6.3000e-004	0.0717	0.0189	5.8000e-004	0.0195	0.0000	69.6055	69.6055	3.1000e-003	0.0000	69.6830
Total	**0.0540**	**0.0932**	**0.4118**	**8.7000e-004**	**0.0736**	**1.1000e-003**	**0.0746**	**0.0196**	**1.0300e-003**	**0.0207**	**0.0000**	**79.4416**	**79.4416**	**3.7700e-003**	**0.0000**	**79.5359**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0933	0.8326	0.6780	1.0600e-003		0.0510	0.0510		0.0479	0.0479	0.0000	92.8662	92.8662	0.0226	0.0000	93.4317
Total	**0.0933**	**0.8326**	**0.6780**	**1.0600e-003**		**0.0510**	**0.0510**		**0.0479**	**0.0479**	**0.0000**	**92.8662**	**92.8662**	**0.0226**	**0.0000**	**93.4317**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0262	6.9300e-003	5.0000e-005	1.2800e-003	2.0000e-004	1.4800e-003	3.7000e-004	1.9000e-004	5.7000e-004	0.0000	5.1085	5.1085	3.4000e-004	0.0000	5.1170
Worker	0.0246	0.0186	0.1844	3.9000e-004	0.0372	3.1000e-004	0.0375	9.9000e-003	2.9000e-004	0.0102	0.0000	35.3595	35.3595	1.4300e-003	0.0000	35.3954
Total	**0.0256**	**0.0447**	**0.1914**	**4.4000e-004**	**0.0385**	**5.1000e-004**	**0.0390**	**0.0103**	**4.8000e-004**	**0.0108**	**0.0000**	**40.4680**	**40.4680**	**1.7700e-003**	**0.0000**	**40.5124**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0264	0.1128	0.7019	1.0600e-003		5.4300e-003	5.4300e-003		5.4300e-003	5.4300e-003	0.0000	92.8661	92.8661	0.0226	0.0000	93.4316
Total	**0.0264**	**0.1128**	**0.7019**	**1.0600e-003**		**5.4300e-003**	**5.4300e-003**		**5.4300e-003**	**5.4300e-003**	**0.0000**	**92.8661**	**92.8661**	**0.0226**	**0.0000**	**93.4316**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.9000e-004	0.0262	6.9300e-003	5.0000e-005	1.2800e-003	2.0000e-004	1.4800e-003	3.7000e-004	1.9000e-004	5.7000e-004	0.0000	5.1085	5.1085	3.4000e-004	0.0000	5.1170
Worker	0.0246	0.0186	0.1844	3.9000e-004	0.0372	3.1000e-004	0.0375	9.9000e-003	2.9000e-004	0.0102	0.0000	35.3595	35.3595	1.4300e-003	0.0000	35.3954
Total	**0.0256**	**0.0447**	**0.1914**	**4.4000e-004**	**0.0385**	**5.1000e-004**	**0.0390**	**0.0103**	**4.8000e-004**	**0.0108**	**0.0000**	**40.4680**	**40.4680**	**1.7700e-003**	**0.0000**	**40.5124**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0114	0.1146	0.1106	1.7000e-004		6.4600e-003	6.4600e-003		5.9600e-003	5.9600e-003	0.0000	15.0239	15.0239	4.6200e-003	0.0000	15.1395
Paving	1.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0128**	**0.1146**	**0.1106**	**1.7000e-004**		**6.4600e-003**	**6.4600e-003**		**5.9600e-003**	**5.9600e-003**	**0.0000**	**15.0239**	**15.0239**	**4.6200e-003**	**0.0000**	**15.1395**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5600e-003	1.1700e-003	0.0117	2.0000e-005	2.3500e-003	2.0000e-005	2.3700e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.2379	2.2379	9.0000e-005	0.0000	2.2402
Total	**1.5600e-003**	**1.1700e-003**	**0.0117**	**2.0000e-005**	**2.3500e-003**	**2.0000e-005**	**2.3700e-003**	**6.3000e-004**	**2.0000e-005**	**6.5000e-004**	**0.0000**	**2.2379**	**2.2379**	**9.0000e-005**	**0.0000**	**2.2402**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.7600e-003	0.0135	0.1257	1.7000e-004		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	15.0239	15.0239	4.6200e-003	0.0000	15.1395
Paving	1.4400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.2000e-003**	**0.0135**	**0.1257**	**1.7000e-004**		**4.6000e-004**	**4.6000e-004**		**4.6000e-004**	**4.6000e-004**	**0.0000**	**15.0239**	**15.0239**	**4.6200e-003**	**0.0000**	**15.1395**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.5600e-003	1.1700e-003	0.0117	2.0000e-005	2.3500e-003	2.0000e-005	2.3700e-003	6.3000e-004	2.0000e-005	6.5000e-004	0.0000	2.2379	2.2379	9.0000e-005	0.0000	2.2402
Total	**1.5600e-003**	**1.1700e-003**	**0.0117**	**2.0000e-005**	**2.3500e-003**	**2.0000e-005**	**2.3700e-003**	**6.3000e-004**	**2.0000e-005**	**6.5000e-004**	**0.0000**	**2.2379**	**2.2379**	**9.0000e-005**	**0.0000**	**2.2402**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4797					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4000e-003	0.0165	0.0166	3.0000e-005		1.1600e-003	1.1600e-003		1.1600e-003	1.1600e-003	0.0000	2.2979	2.2979	1.9000e-004	0.0000	2.3028
Total	**0.4821**	**0.0165**	**0.0166**	**3.0000e-005**		**1.1600e-003**	**1.1600e-003**		**1.1600e-003**	**1.1600e-003**	**0.0000**	**2.2979**	**2.2979**	**1.9000e-004**	**0.0000**	**2.3028**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	4.2300e-003	0.0420	9.0000e-005	8.4800e-003	7.0000e-005	8.5500e-003	2.2600e-003	7.0000e-005	2.3200e-003	0.0000	8.0566	8.0566	3.3000e-004	0.0000	8.0648
Total	**5.6100e-003**	**4.2300e-003**	**0.0420**	**9.0000e-005**	**8.4800e-003**	**7.0000e-005**	**8.5500e-003**	**2.2600e-003**	**7.0000e-005**	**2.3200e-003**	**0.0000**	**8.0566**	**8.0566**	**3.3000e-004**	**0.0000**	**8.0648**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.4797					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7000e-004	1.1600e-003	0.0165	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.2979	2.2979	1.9000e-004	0.0000	2.3028
Total	**0.4800**	**1.1600e-003**	**0.0165**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.2979**	**2.2979**	**1.9000e-004**	**0.0000**	**2.3028**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6100e-003	4.2300e-003	0.0420	9.0000e-005	8.4800e-003	7.0000e-005	8.5500e-003	2.2600e-003	7.0000e-005	2.3200e-003	0.0000	8.0566	8.0566	3.3000e-004	0.0000	8.0648
Total	**5.6100e-003**	**4.2300e-003**	**0.0420**	**9.0000e-005**	**8.4800e-003**	**7.0000e-005**	**8.5500e-003**	**2.2600e-003**	**7.0000e-005**	**2.3200e-003**	**0.0000**	**8.0566**	**8.0566**	**3.3000e-004**	**0.0000**	**8.0648**

Emerald Isle Tier IV Mitigated Construction

Sonoma-San Francisco County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.53	Acre	0.53	0.00	0
Other Non-Asphalt Surfaces	1.53	Acre	1.53	0.00	0
Parking Lot	63.00	Space	0.57	0.00	0
Congregate Care (Assisted Living)	49.00	Dwelling Unit	1.51	68,144.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	75
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emerald Isle Assisted Living Project - Tier IV Mitigated Construction

Land Use - Based on site plan and project description

Construction Phase - Adjusted based on input from the Project Applicant.
March 2018 start date, duration 12-15 months

Off-road Equipment - Equipment usage adjusted to conserve default horsepower hours

Off-road Equipment - Expected equipment for the underground utilities phase

Trips and VMT - At the peak of construction activities there would be 60 workers on-site

Grading - 29,304 cubic yards of material to be exported

Vehicle Trips - Focused Traffic Study for the Emerald Isle Assisted Living Project prepared by W-Trans on May 10, 2017
ITE Trip Generation Manual, 9th Ed (ITE Code 254)

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust
Tier 4 mitigation required for equipment >50 HP

Mobile Land Use Mitigation - Existing project site conditions

Energy Mitigation - 15% more efficient than 2016 Title 24

Water Mitigation - Green Building Code Standards

Waste Mitigation - Adopt a long-term waste diversion goal of a 70% diversion rate by 2015

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingValue	0	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	8.00	45.00

tblConstructionPhase	NumDays	18.00	5.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	22.50	4.14
tblGrading	MaterialExported	0.00	29,304.00
tblLandUse	BuildingSpaceSquareFeet	23,086.80	0.00
tblLandUse	BuildingSpaceSquareFeet	66,646.80	0.00
tblLandUse	BuildingSpaceSquareFeet	25,200.00	0.00
tblLandUse	BuildingSpaceSquareFeet	49,000.00	68,144.00
tblLandUse	LandUseSquareFeet	23,086.80	0.00
tblLandUse	LandUseSquareFeet	66,646.80	0.00
tblLandUse	LandUseSquareFeet	25,200.00	0.00
tblLandUse	LandUseSquareFeet	49,000.00	68,144.00
tblLandUse	LotAcreage	3.06	1.51
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20

tblOffRoadEquipment	UsageHours	8.00	5.70
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	35.00	120.00
tblTripsAndVMT	WorkerTripNumber	68.00	120.00
tblTripsAndVMT	WorkerTripNumber	7.00	120.00
tblVehicleTrips	ST_TR	2.20	3.19
tblVehicleTrips	SU_TR	2.44	3.54
tblVehicleTrips	WD_TR	2.74	3.85

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.6682	58.1622	23.3040	0.0972	18.2141	2.5782	20.7923	9.9699	2.3719	12.3418	0.0000	10,226.9197	10,226.9197	1.3757	0.0000	10,261.3121
2019	54.2044	46.2690	49.1527	0.0786	1.0194	2.5926	3.5783	0.2712	2.3914	2.6529	0.0000	7,674.4080	7,674.4080	2.0796	0.0000	7,726.3987
Maximum	**54.2044**	**58.1622**	**49.1527**	**0.0972**	**18.2141**	**2.5926**	**20.7923**	**9.9699**	**2.3914**	**12.3418**	**0.0000**	**10,226.9197**	**10,226.9197**	**2.0796**	**0.0000**	**10,261.3121**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	1.4567	29.0634	23.9154	0.0972	8.2777	0.2015	8.3410	4.5080	0.1948	4.5713	0.0000	10,226.9197	10,226.9197	1.3757	0.0000	10,261.3121
2019	53.9676	5.8246	55.2059	0.0786	1.0194	0.1909	1.1766	0.2712	0.1903	0.4517	0.0000	7,674.4080	7,674.4080	2.0796	0.0000	7,726.3987
Maximum	**53.9676**	**29.0634**	**55.2059**	**0.0972**	**8.2777**	**0.2015**	**8.3410**	**4.5080**	**0.1948**	**4.5713**	**0.0000**	**10,226.9197**	**10,226.9197**	**2.0796**	**0.0000**	**10,261.3121**

	ROG	NOx	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	**5.86**	**66.59**	**-9.20**	**0.00**	**51.66**	**92.41**	**60.95**	**53.33**	**91.92**	**66.50**	**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	Site Preparation	Site Preparation	3/1/2018	3/7/2018	5	5	
2	Grading	Grading	3/8/2018	4/28/2018	6	45	
3	Underground Utilities	Trenching	4/29/2018	7/7/2018	6	60	
4	Building Construction	Building Construction	7/8/2018	4/2/2019	6	230	
5	Paving	Paving	4/3/2019	4/9/2019	5	5	
6	Architectural Coating	Architectural Coating	4/10/2019	5/3/2019	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4.14

Acres of Paving: 2.63

Residential Indoor: 137,992; Residential Outdoor: 45,997; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Underground Utilities	Excavators	1	8.00	158	0.38
Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45

Paving	Cement and Mortar Mixers	6	7.20	9	0.56
Paving	Pavers	4	7.20	130	0.42
Paving	Paving Equipment	6	7.20	132	0.36
Paving	Rollers	6	7.20	80	0.38
Paving	Tractors/Loaders/Backhoes	5	5.70	97	0.37
Architectural Coating	Air Compressors	1	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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Underground Utilities	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	120.00	5.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	27	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**18.0663**	**2.5769**	**20.6432**	**9.9307**	**2.3708**	**12.3014**		**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1054	0.0715	0.8277	1.6300e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		162.1839	162.1839	7.0600e-003		162.3603
Total	**0.1054**	**0.0715**	**0.8277**	**1.6300e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**162.1839**	**162.1839**	**7.0600e-003**		**162.3603**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1054	0.0715	0.8277	1.6300e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		162.1839	162.1839	7.0600e-003		162.3603
Total	**0.1054**	**0.0715**	**0.8277**	**1.6300e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**162.1839**	**162.1839**	**7.0600e-003**		**162.3603**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1933	0.0000	6.1933	3.3319	0.0000	3.3319			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272		2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**2.7733**	**30.6725**	**16.5770**	**0.0297**	**6.1933**	**1.5513**	**7.7446**	**3.3319**	**1.4272**	**4.7591**		**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8111	27.4301	5.4730	0.0662	1.4061	0.1520	1.5581	0.3839	0.1454	0.5293		7,103.7449	7,103.7449	0.4396		7,114.7350
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0879	0.0596	0.6897	1.3600e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		135.1532	135.1532	5.8800e-003		135.3003
Total	**0.8990**	**27.4897**	**6.1627**	**0.0676**	**1.5293**	**0.1530**	**1.6823**	**0.4166**	**0.1464**	**0.5630**		**7,238.8981**	**7,238.8981**	**0.4455**		**7,250.0352**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7870	0.0000	2.7870	1.4994	0.0000	1.4994			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**2.7870**	**0.0484**	**2.8354**	**1.4994**	**0.0484**	**1.5478**	**0.0000**	**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8111	27.4301	5.4730	0.0662	1.4061	0.1520	1.5581	0.3839	0.1454	0.5293		7,103.7449	7,103.7449	0.4396		7,114.7350
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0879	0.0596	0.6897	1.3600e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		135.1532	135.1532	5.8800e-003		135.3003
Total	**0.8990**	**27.4897**	**6.1627**	**0.0676**	**1.5293**	**0.1530**	**1.6823**	**0.4166**	**0.1464**	**0.5630**		**7,238.8981**	**7,238.8981**	**0.4455**		**7,250.0352**

3.4 Underground Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7214	18.2856	9.9889	0.0168		0.9470	0.9470		0.8713	0.8713		1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**1.7214**	**18.2856**	**9.9889**	**0.0168**		**0.9470**	**0.9470**		**0.8713**	**0.8713**		**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0318	0.3679	7.3000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		72.0817	72.0817	3.1400e-003		72.1601
Total	**0.0469**	**0.0318**	**0.3679**	**7.3000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**72.0817**	**72.0817**	**3.1400e-003**		**72.1601**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2061	0.8930	10.0937	0.0168		0.0275	0.0275		0.0275	0.0275	0.0000	1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**0.2061**	**0.8930**	**10.0937**	**0.0168**		**0.0275**	**0.0275**		**0.0275**	**0.0275**	**0.0000**	**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0318	0.3679	7.3000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		72.0817	72.0817	3.1400e-003		72.1601
Total	**0.0469**	**0.0318**	**0.3679**	**7.3000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**72.0817**	**72.0817**	**3.1400e-003**		**72.1601**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**2.6795**	**23.3900**	**17.5804**	**0.0269**		**1.4999**	**1.4999**		**1.4099**	**1.4099**		**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0280	0.6915	0.1847	1.3600e-003	0.0337	6.1100e-003	0.0398	9.6800e-003	5.8400e-003	0.0155		144.8429	144.8429	9.5000e-003		145.0804
Worker	0.7029	0.4766	5.5178	0.0109	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,081.2257	1,081.2257	0.0471		1,082.4021
Total	**0.7309**	**1.1680**	**5.7026**	**0.0122**	**1.0194**	**0.0144**	**1.0338**	**0.2712**	**0.0135**	**0.2846**		**1,226.0686**	**1,226.0686**	**0.0566**		**1,227.4824**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7258	2.9127	17.8224	0.0269		0.1514	0.1514		0.1514	0.1514	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**0.7258**	**2.9127**	**17.8224**	**0.0269**		**0.1514**	**0.1514**		**0.1514**	**0.1514**	**0.0000**	**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0280	0.6915	0.1847	1.3600e-003	0.0337	6.1100e-003	0.0398	9.6800e-003	5.8400e-003	0.0155		144.8429	144.8429	9.5000e-003		145.0804
Worker	0.7029	0.4766	5.5178	0.0109	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,081.2257	1,081.2257	0.0471		1,082.4021
Total	**0.7309**	**1.1680**	**5.7026**	**0.0122**	**1.0194**	**0.0144**	**1.0338**	**0.2712**	**0.0135**	**0.2846**		**1,226.0686**	**1,226.0686**	**0.0566**		**1,227.4824**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0246	0.6543	0.1651	1.3500e-003	0.0337	5.1100e-003	0.0388	9.6800e-003	4.8900e-003	0.0146		143.8107	143.8107	9.1400e-003		144.0392
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6633**	**1.0736**	**5.0774**	**0.0119**	**1.0194**	**0.0131**	**1.0325**	**0.2712**	**0.0122**	**0.2834**		**1,193.8028**	**1,193.8028**	**0.0509**		**1,195.0743**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6692	2.8550	17.7706	0.0269		0.1375	0.1375		0.1375	0.1375	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**0.6692**	**2.8550**	**17.7706**	**0.0269**		**0.1375**	**0.1375**		**0.1375**	**0.1375**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0246	0.6543	0.1651	1.3500e-003	0.0337	5.1100e-003	0.0388	9.6800e-003	4.8900e-003	0.0146		143.8107	143.8107	9.1400e-003		144.0392
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6633**	**1.0736**	**5.0774**	**0.0119**	**1.0194**	**0.0131**	**1.0325**	**0.2712**	**0.0122**	**0.2834**		**1,193.8028**	**1,193.8028**	**0.0509**		**1,195.0743**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5557	45.8497	44.2405	0.0680		2.5846	2.5846		2.3841	2.3841		6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.1321**	**45.8497**	**44.2405**	**0.0680**		**2.5846**	**2.5846**		**2.3841**	**2.3841**		**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1059	5.4053	50.2936	0.0680		0.1829	0.1829		0.1829	0.1829	0.0000	6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6823**	**5.4053**	**50.2936**	**0.0680**		**0.1829**	**0.1829**		**0.1829**	**0.1829**	**0.0000**	**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	**53.5657**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**282.0423**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238		282.0423
Total	**53.3290**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**282.0423**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6386	0.4193	4.9123	0.0106	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		1,049.9921	1,049.9921	0.0417		1,051.0351
Total	**0.6386**	**0.4193**	**4.9123**	**0.0106**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**1,049.9921**	**1,049.9921**	**0.0417**		**1,051.0351**

Emerald Isle Tier IV Mitigated Construction

Sonoma-San Francisco County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	0.53	Acre	0.53	0.00	0
Other Non-Asphalt Surfaces	1.53	Acre	1.53	0.00	0
Parking Lot	63.00	Space	0.57	0.00	0
Congregate Care (Assisted Living)	49.00	Dwelling Unit	1.51	68,144.00	140

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	75
Climate Zone	4			**Operational Year**	2019
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	641.35	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Emerald Isle Assisted Living Project - Tier IV Mitigated Construction

Land Use - Based on site plan and project description

Construction Phase - Adjusted based on input from the Project Applicant.
March 2018 start date, duration 12-15 months

Off-road Equipment - Equipment usage adjusted to conserve default horsepower hours

Off-road Equipment - Expected equipment for the underground utilities phase

Trips and VMT - At the peak of construction activities there would be 60 workers on-site

Grading - 29,304 cubic yards of material to be exported

Vehicle Trips - Focused Traffic Study for the Emerald Isle Assisted Living Project prepared by W-Trans on May 10, 2017
ITE Trip Generation Manual, 9th Ed (ITE Code 254)

Construction Off-road Equipment Mitigation - Compliance with BAAQMD Best Management Practices threshold for fugitive dust
Tier 4 mitigation required for equipment >50 HP

Mobile Land Use Mitigation - Existing project site conditions

Energy Mitigation - 15% more efficient than 2016 Title 24

Water Mitigation - Green Building Code Standards

Waste Mitigation - Adopt a long-term waste diversion goal of a 70% diversion rate by 2015

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingValue	0	100
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	40	0
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	16.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

tblConstructionPhase	NumDays	8.00	45.00
tblConstructionPhase	NumDays	18.00	5.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblGrading	AcresOfGrading	22.50	4.14
tblGrading	MaterialExported	0.00	29,304.00
tblLandUse	BuildingSpaceSquareFeet	23,086.80	0.00
tblLandUse	BuildingSpaceSquareFeet	66,646.80	0.00
tblLandUse	BuildingSpaceSquareFeet	25,200.00	0.00
tblLandUse	BuildingSpaceSquareFeet	49,000.00	68,144.00
tblLandUse	LandUseSquareFeet	23,086.80	0.00
tblLandUse	LandUseSquareFeet	66,646.80	0.00
tblLandUse	LandUseSquareFeet	25,200.00	0.00
tblLandUse	LandUseSquareFeet	49,000.00	68,144.00
tblLandUse	LotAcreage	3.06	1.51
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	5.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	PhaseName		Underground Utilities
tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	7.20
tblOffRoadEquipment	UsageHours	6.00	7.20

tblOffRoadEquipment	UsageHours	6.00	7.20
tblOffRoadEquipment	UsageHours	8.00	5.70
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	WorkerTripNumber	35.00	120.00
tblTripsAndVMT	WorkerTripNumber	68.00	120.00
tblTripsAndVMT	WorkerTripNumber	7.00	120.00
tblVehicleTrips	ST_TR	2.20	3.19
tblVehicleTrips	SU_TR	2.44	3.54
tblVehicleTrips	WD_TR	2.74	3.85

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	4.6767	58.9094	23.2920	0.0963	18.2141	2.5782	20.7923	9.9699	2.3719	12.3418	0.0000	10,126.3553	10,126.3553	1.3978	0.0000	10,161.2993
2019	54.2550	46.3693	49.0588	0.0778	1.0194	2.5926	3.5783	0.2712	2.3914	2.6529	0.0000	7,600.2836	7,600.2836	2.0783	0.0000	7,652.2406
Maximum	**54.2550**	**58.9094**	**49.0588**	**0.0963**	**18.2141**	**2.5926**	**20.7923**	**9.9699**	**2.3914**	**12.3418**	**0.0000**	**10,126.3553**	**10,126.3553**	**2.0783**	**0.0000**	**10,161.2993**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2018	1.5151	29.8105	24.3480	0.0963	8.2777	0.2052	8.3410	4.5080	0.1984	4.5713	0.0000	10,126.3553	10,126.3553	1.3978	0.0000	10,161.2993
2019	54.0183	5.9249	55.1119	0.0778	1.0194	0.1909	1.1766	0.2712	0.1903	0.4517	0.0000	7,600.2836	7,600.2836	2.0783	0.0000	7,652.2406
Maximum	**54.0183**	**29.8105**	**55.1119**	**0.0963**	**8.2777**	**0.2052**	**8.3410**	**4.5080**	**0.1984**	**4.5713**	**0.0000**	**10,126.3553**	**10,126.3553**	**2.0783**	**0.0000**	**10,161.2993**

	ROG	NOx	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	**5.77**	**66.06**	**-9.83**	**0.00**	**51.66**	**92.34**	**60.95**	**53.33**	**91.84**	**66.50**	**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	Site Preparation	Site Preparation	3/1/2018	3/7/2018	5	5	
2	Grading	Grading	3/8/2018	4/28/2018	6	45	
3	Underground Utilities	Trenching	4/29/2018	7/7/2018	6	60	
4	Building Construction	Building Construction	7/8/2018	4/2/2019	6	230	
5	Paving	Paving	4/3/2019	4/9/2019	5	5	
6	Architectural Coating	Architectural Coating	4/10/2019	5/3/2019	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4.14

Acres of Paving: 2.63

Residential Indoor: 137,992; Residential Outdoor: 45,997; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Underground Utilities	Excavators	1	8.00	158	0.38
Underground Utilities	Rubber Tired Dozers	1	8.00	247	0.40
Underground Utilities	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	6	7.20	9	0.56
Paving	Pavers	4	7.20	130	0.42
Paving	Paving Equipment	6	7.20	132	0.36
Paving	Rollers	6	7.20	80	0.38
Paving	Tractors/Loaders/Backhoes	5	5.70	97	0.37
Architectural Coating	Air Compressors	1	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
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,663.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Underground Utilities	3	8.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	120.00	5.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	27	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	120.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Clean Paved Roads

3.2 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	4.5627	48.1988	22.4763	0.0380		2.5769	2.5769		2.3708	2.3708		3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**4.5627**	**48.1988**	**22.4763**	**0.0380**	**18.0663**	**2.5769**	**20.6432**	**9.9307**	**2.3708**	**12.3014**		**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1140	0.0885	0.8157	1.5200e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		150.7566	150.7566	6.8500e-003		150.9278
Total	**0.1140**	**0.0885**	**0.8157**	**1.5200e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**150.7566**	**150.7566**	**6.8500e-003**		**150.9278**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.4656	2.0175	20.8690	0.0380		0.0621	0.0621		0.0621	0.0621	0.0000	3,831.6239	3,831.6239	1.1928		3,861.4448
Total	**0.4656**	**2.0175**	**20.8690**	**0.0380**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,831.6239**	**3,831.6239**	**1.1928**		**3,861.4448**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1140	0.0885	0.8157	1.5200e-003	0.1479	1.2400e-003	0.1491	0.0392	1.1500e-003	0.0404		150.7566	150.7566	6.8500e-003		150.9278
Total	**0.1140**	**0.0885**	**0.8157**	**1.5200e-003**	**0.1479**	**1.2400e-003**	**0.1491**	**0.0392**	**1.1500e-003**	**0.0404**		**150.7566**	**150.7566**	**6.8500e-003**		**150.9278**

3.3 Grading - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.1933	0.0000	6.1933	3.3319	0.0000	3.3319			0.0000			0.0000
Off-Road	2.7733	30.6725	16.5770	0.0297		1.5513	1.5513		1.4272	1.4272		2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**2.7733**	**30.6725**	**16.5770**	**0.0297**	**6.1933**	**1.5513**	**7.7446**	**3.3319**	**1.4272**	**4.7591**		**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8348	28.1631	5.9155	0.0654	1.4061	0.1557	1.5618	0.3839	0.1490	0.5329		7,012.7032	7,012.7032	0.4618		7,024.2493
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0738	0.6797	1.2700e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		125.6305	125.6305	5.7100e-003		125.7732
Total	**0.9298**	**28.2369**	**6.5953**	**0.0666**	**1.5293**	**0.1567**	**1.6860**	**0.4166**	**0.1499**	**0.5665**		**7,138.3337**	**7,138.3337**	**0.4676**		**7,150.0224**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7870	0.0000	2.7870	1.4994	0.0000	1.4994			0.0000			0.0000
Off-Road	0.3632	1.5737	17.7527	0.0297		0.0484	0.0484		0.0484	0.0484	0.0000	2,988.0216	2,988.0216	0.9302		3,011.2769
Total	**0.3632**	**1.5737**	**17.7527**	**0.0297**	**2.7870**	**0.0484**	**2.8354**	**1.4994**	**0.0484**	**1.5478**	**0.0000**	**2,988.0216**	**2,988.0216**	**0.9302**		**3,011.2769**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.8348	28.1631	5.9155	0.0654	1.4061	0.1557	1.5618	0.3839	0.1490	0.5329		7,012.7032	7,012.7032	0.4618		7,024.2493
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0950	0.0738	0.6797	1.2700e-003	0.1232	1.0300e-003	0.1243	0.0327	9.6000e-004	0.0336		125.6305	125.6305	5.7100e-003		125.7732
Total	**0.9298**	**28.2369**	**6.5953**	**0.0666**	**1.5293**	**0.1567**	**1.6860**	**0.4166**	**0.1499**	**0.5665**		**7,138.3337**	**7,138.3337**	**0.4676**		**7,150.0224**

3.4 Underground Utilities - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7214	18.2856	9.9889	0.0168		0.9470	0.9470		0.8713	0.8713		1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**1.7214**	**18.2856**	**9.9889**	**0.0168**		**0.9470**	**0.9470**		**0.8713**	**0.8713**		**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0507	0.0394	0.3625	6.7000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		67.0029	67.0029	3.0400e-003		67.0790
Total	**0.0507**	**0.0394**	**0.3625**	**6.7000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**67.0029**	**67.0029**	**3.0400e-003**		**67.0790**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.2061	0.8930	10.0937	0.0168		0.0275	0.0275		0.0275	0.0275	0.0000	1,692.5344	1,692.5344	0.5269		1,705.7071
Total	**0.2061**	**0.8930**	**10.0937**	**0.0168**		**0.0275**	**0.0275**		**0.0275**	**0.0275**	**0.0000**	**1,692.5344**	**1,692.5344**	**0.5269**		**1,705.7071**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0507	0.0394	0.3625	6.7000e-004	0.0657	5.5000e-004	0.0663	0.0174	5.1000e-004	0.0179		67.0029	67.0029	3.0400e-003		67.0790
Total	**0.0507**	**0.0394**	**0.3625**	**6.7000e-004**	**0.0657**	**5.5000e-004**	**0.0663**	**0.0174**	**5.1000e-004**	**0.0179**		**67.0029**	**67.0029**	**3.0400e-003**		**67.0790**

3.5 Building Construction - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.6795	23.3900	17.5804	0.0269		1.4999	1.4999		1.4099	1.4099		2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**2.6795**	**23.3900**	**17.5804**	**0.0269**		**1.4999**	**1.4999**		**1.4099**	**1.4099**		**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0294	0.7024	0.2102	1.3400e-003	0.0337	6.2400e-003	0.0399	9.6800e-003	5.9700e-003	0.0157		141.9050	141.9050	0.0103		142.1619
Worker	0.7599	0.5902	5.4379	0.0101	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,005.0437	1,005.0437	0.0457		1,006.1855
Total	**0.7894**	**1.2926**	**5.6481**	**0.0115**	**1.0194**	**0.0145**	**1.0340**	**0.2712**	**0.0136**	**0.2848**		**1,146.9487**	**1,146.9487**	**0.0560**		**1,148.3474**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7258	2.9127	17.8224	0.0269		0.1514	0.1514		0.1514	0.1514	0.0000	2,620.9351	2,620.9351	0.6421		2,636.9883
Total	**0.7258**	**2.9127**	**17.8224**	**0.0269**		**0.1514**	**0.1514**		**0.1514**	**0.1514**	**0.0000**	**2,620.9351**	**2,620.9351**	**0.6421**		**2,636.9883**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0294	0.7024	0.2102	1.3400e-003	0.0337	6.2400e-003	0.0399	9.6800e-003	5.9700e-003	0.0157		141.9050	141.9050	0.0103		142.1619
Worker	0.7599	0.5902	5.4379	0.0101	0.9858	8.2800e-003	0.9941	0.2615	7.6400e-003	0.2691		1,005.0437	1,005.0437	0.0457		1,006.1855
Total	**0.7894**	**1.2926**	**5.6481**	**0.0115**	**1.0194**	**0.0145**	**1.0340**	**0.2712**	**0.0136**	**0.2848**		**1,146.9487**	**1,146.9487**	**0.0560**		**1,148.3474**

3.5 Building Construction - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.3612	21.0788	17.1638	0.0269		1.2899	1.2899		1.2127	1.2127		2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**2.3612**	**21.0788**	**17.1638**	**0.0269**		**1.2899**	**1.2899**		**1.2127**	**1.2127**		**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0259	0.6637	0.1881	1.3300e-003	0.0337	5.2300e-003	0.0389	9.6800e-003	5.0000e-003	0.0147		140.8389	140.8389	9.8800e-003		141.0860
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.7151**	**1.1833**	**5.0064**	**0.0112**	**1.0194**	**0.0132**	**1.0326**	**0.2712**	**0.0124**	**0.2835**		**1,116.7066**	**1,116.7066**	**0.0503**		**1,117.9629**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.6692	2.8550	17.7706	0.0269		0.1375	0.1375		0.1375	0.1375	0.0000	2,591.5802	2,591.5802	0.6313		2,607.3635
Total	**0.6692**	**2.8550**	**17.7706**	**0.0269**		**0.1375**	**0.1375**		**0.1375**	**0.1375**	**0.0000**	**2,591.5802**	**2,591.5802**	**0.6313**		**2,607.3635**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0259	0.6637	0.1881	1.3300e-003	0.0337	5.2300e-003	0.0389	9.6800e-003	5.0000e-003	0.0147		140.8389	140.8389	9.8800e-003		141.0860
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.7151**	**1.1833**	**5.0064**	**0.0112**	**1.0194**	**0.0132**	**1.0326**	**0.2712**	**0.0124**	**0.2835**		**1,116.7066**	**1,116.7066**	**0.0503**		**1,117.9629**

3.6 Paving - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.5557	45.8497	44.2405	0.0680		2.5846	2.5846		2.3841	2.3841		6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**5.1321**	**45.8497**	**44.2405**	**0.0680**		**2.5846**	**2.5846**		**2.3841**	**2.3841**		**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1059	5.4053	50.2936	0.0680		0.1829	0.1829		0.1829	0.1829	0.0000	6,624.4159	6,624.4159	2.0379		6,675.3636
Paving	0.5764					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.6823**	**5.4053**	**50.2936**	**0.0680**		**0.1829**	**0.1829**		**0.1829**	**0.1829**	**0.0000**	**6,624.4159**	**6,624.4159**	**2.0379**		**6,675.3636**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

3.7 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2664	1.8354	1.8413	2.9700e-003		0.1288	0.1288		0.1288	0.1288		281.4481	281.4481	0.0238		282.0423
Total	**53.5657**	**1.8354**	**1.8413**	**2.9700e-003**		**0.1288**	**0.1288**		**0.1288**	**0.1288**		**281.4481**	**281.4481**	**0.0238**		**282.0423**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	53.2993					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0297	0.1288	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0238		282.0423
Total	**53.3290**	**0.1288**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0238**		**282.0423**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.6893	0.5196	4.8183	9.8200e-003	0.9858	7.9600e-003	0.9937	0.2615	7.3500e-003	0.2688		975.8677	975.8677	0.0404		976.8770
Total	**0.6893**	**0.5196**	**4.8183**	**9.8200e-003**	**0.9858**	**7.9600e-003**	**0.9937**	**0.2615**	**7.3500e-003**	**0.2688**		**975.8677**	**975.8677**	**0.0404**		**976.8770**

Oakmont Emerald Isle

No Mitigation

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Construction Scheduling	**2018**		
	8	hours/day	
	5	days/week	
	43	weeks/year	*start from 3/1/2018
	1720	hours/year	
Onsite Construction Area Source Size (m2):	20898.3		from AERMOD

Onsite Construction PM2.5 Emissions

2018

Construction Activity	Onsite Annual DPM Exhaust Emissions (tons/year)	Onsite Annual DPM Exhaust Emissions (g/sec)	Onsite DPM Source Exhaust Emissions (g/m2-sec)
Site Preparation	5.930E-03	8.696E-04	4.161E-08
Grading	3.210E-02	4.707E-03	2.252E-07
Underground Utilities	2.610E-02	3.827E-03	1.831E-07
Building Construction	1.065E-01	1.562E-02	7.473E-07
Total	**1.706E-01**	**2.502E-02**	**1.197E-06**

Offsite Construction Vehicle PM2.5 Emissions

2018

Construction Activity	Offsite Hauling Annual DPM Exhaust Emissions (tons/year)	Offsite Vendor Annual DPM Exhaust Emissions (tons/year)	Offsite Workers Annual DPM Exhaust Emissions (tons/year)	
Site Preparation	0.000E+00	0.000E+00	0.000E+00	
Grading	3.310E-03	0.000E+00	2.000E-05	
Underground Utilities	0.000E+00	0.000E+00	2.000E-05	
Building Construction	0.000E+00	4.500E-04	5.800E-04	
Total (tons/year)	**3.310E-03**	**4.500E-04**	**6.200E-04**	**4.380E-03**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Along Roadway Segment Project>RRBC>US101 (mi)	0.77	0.77	0.77	
Offsite Project Emissions Along Roadway Segment Project>RRBC>US101 (tons/year)	**1.277E-04**	**4.758E-05**	**4.431E-05**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	**2.196E-04**
Total Offsite Project Exhaust Emissions (grams/sec)	**3.220E-05**

Onsite Exhaust Emissions (tons/year)	**1.706E-01**
Total Onsite Emissions (tons/year)	**1.706E-01**
Onsite Exhaust Emissions (g/m2-sec)	**1.197E-06**

Total PM@2.5 Exhaust (tons/year)	1.708E-01

Oakmont Emerald Isle

No Mitigation

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Construction Scheduling **2019**

8	hours/day	
5	days/week	**end at May 3, 2019
17	weeks/year	
680	hours/year	

Onsite Construction Area Source Size (m2): 20898.30

Onsite Construction PM2.5 Emissions

2019

Construction Activity	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
Building Construction	4.790E-02	1.777E-02	8.502E-07
Paving	5.960E-03	2.211E-03	1.058E-07
Architectural Coating	1.160E-03	4.303E-04	2.059E-08
Total	**5.502E-02**	**2.041E-02**	**9.765E-07**

Offsite Construction Vehicle PM2.5 Emissions

2019

Construction Activity	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
Building Construction	0.000E+00	1.900E-04	2.900E-04	
Paving	0.000E+00	0.000E+00	2.000E-05	
Architectural Coating	0.000E+00	0.000E+00	7.000E-05	
Total (tons/year)	**0.000E+00**	**1.900E-04**	**3.800E-04**	**5.700E-04**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Project>Dry Creek Road>US101 (mi)	0.77	0.77	0.77	
Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**2.009E-05**	**2.716E-05**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**4.724E-05**
Offsite Project Exhaust Emissions (grams/sec)	**1.752E-05**
Offsite Project Fugitive Emissions (tons/year)	**0.000E+00**
Offsite Project Fugitive Emissions (grams/sec)	**0.000E+00**

Onsite Exhaust Emissions (tons/year)	**5.502E-02**
Total Onsite Emissions (tons/year)	**5.502E-02**
Onsite Exhaust Emissions (g/m2-sec)	**9.765E-07**

Total PM@2.5 Exhaust (tons/year)	5.507E-02
Total PM2.5 (tons/year)	**5.507E-02**

Oakmont Emerald Isle

Construction Ahead (PFM Extension) | 24 YRS 5 Month

Retail Strategic Center, 1998 Edwin Drive, San Jose, CA 95112, United States

#	Date	Time	Name	Type	Status	Amount	Balance
1	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	1,200.00
2	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	2,400.00
3	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	3,600.00
4	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	4,800.00
5	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	6,000.00
6	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	7,200.00
7	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	8,400.00
8	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	9,600.00
9	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	10,800.00
10	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	12,000.00
11	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	13,200.00
12	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	14,400.00
13	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	15,600.00
14	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	16,800.00
15	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	18,000.00
16	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	19,200.00
17	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	20,400.00
18	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	21,600.00
19	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	22,800.00
20	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	24,000.00
21	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	25,200.00
22	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	26,400.00
23	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	27,600.00
24	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	28,800.00
25	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	30,000.00
26	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	31,200.00
27	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	32,400.00
28	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	33,600.00
29	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	34,800.00
30	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	36,000.00
31	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	37,200.00
32	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	38,400.00
33	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	39,600.00
34	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	40,800.00
35	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	42,000.00
36	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	43,200.00
37	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	44,400.00
38	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	45,600.00
39	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	46,800.00
40	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	48,000.00
41	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	49,200.00
42	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	50,400.00
43	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	51,600.00
44	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	52,800.00
45	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	54,000.00
46	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	55,200.00
47	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	56,400.00
48	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	57,600.00
49	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	58,800.00
50	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	60,000.00
51	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	61,200.00
52	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	62,400.00
53	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	63,600.00
54	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	64,800.00
55	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	66,000.00
56	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	67,200.00
57	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	68,400.00
58	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	69,600.00
59	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	70,800.00
60	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	72,000.00
61	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	73,200.00
62	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	74,400.00
63	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	75,600.00
64	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	76,800.00
65	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	78,000.00
66	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	79,200.00
67	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	80,400.00
68	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	81,600.00
69	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	82,800.00
70	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	84,000.00
71	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	85,200.00
72	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	86,400.00
73	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	87,600.00
74	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	88,800.00
75	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	90,000.00
76	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	91,200.00
77	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	92,400.00
78	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	93,600.00
79	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	94,800.00
80	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	96,000.00
81	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	97,200.00
82	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	98,400.00
83	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	99,600.00
84	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	100,800.00
85	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	102,000.00
86	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	103,200.00
87	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	104,400.00
88	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	105,600.00
89	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	106,800.00
90	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	108,000.00
91	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	109,200.00
92	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	110,400.00
93	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	111,600.00
94	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	112,800.00
95	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	114,000.00
96	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	115,200.00
97	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	116,400.00
98	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	117,600.00
99	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	118,800.00
100	Jun 30	4:00 PM	Ethan Brooks	Deposit	Cleared	1,200.00	120,000.00

Oakmont Emerald Isle | **2019** | **No Mitigation** | **at Sensitive Receptors**

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Annual Average Onsite DPM Exhaust Emission Rate: 9.76527E-07 grams/m2/sec

Annual Average Offsite DPM Exhaust Emission Rate: 1.75233E-05 grams/sec

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
524134.22	4260065.3	0.21757	0.00212	0.00066	1.15654E-04	0.00224
524149.22	4260065.3	0.24485	0.00239	0.00092	1.61215E-04	0.00255
524164.22	4260065.3	0.27751	0.00271	0.00099	1.73481E-04	0.00288
524179.22	4260065.3	0.3173	0.00310	0.00099	1.73481E-04	0.00327
524194.22	4260065.3	0.36632	0.00358	0.00101	1.76986E-04	0.00375
524209.22	4260065.3	0.428	0.00418	0.00104	1.82243E-04	0.00436
524224.22	4260065.3	0.50755	0.00496	0.00108	1.89252E-04	0.00515
524239.22	4260065.3	0.61335	0.00599	0.00113	1.98014E-04	0.00619
524254.22	4260065.3	0.75734	0.00740	0.00119	2.08528E-04	0.00760
524269.22	4260065.3	0.95864	0.00936	0.00126	2.20794E-04	0.00958
524134.22	4260080.3	0.23428	0.00229	0.00053	9.28736E-05	0.00238
524149.22	4260080.3	0.26466	0.00258	0.00067	1.17406E-04	0.00270
524164.22	4260080.3	0.3012	0.00294	0.00074	1.29673E-04	0.00307
524179.22	4260080.3	0.34591	0.00338	0.00075	1.31425E-04	0.00351
524194.22	4260080.3	0.40157	0.00392	0.00075	1.31425E-04	0.00405
524209.22	4260080.3	0.47231	0.00461	0.00075	1.31425E-04	0.00474
524224.22	4260080.3	0.56376	0.00551	0.00076	1.33177E-04	0.00564
524239.22	4260080.3	0.68592	0.00670	0.00078	1.36682E-04	0.00683
524254.22	4260080.3	0.85432	0.00834	0.00080	1.40187E-04	0.00848
524269.22	4260080.3	1.09449	0.01069	0.00084	1.47196E-04	0.01084
524134.22	4260095.3	0.25205	0.00246	0.00044	7.71026E-05	0.00254
524149.22	4260095.3	0.28615	0.00279	0.00054	9.46260E-05	0.00289
524164.22	4260095.3	0.3277	0.00320	0.00059	1.03388E-04	0.00330
524179.22	4260095.3	0.37935	0.00370	0.00060	1.05140E-04	0.00381
524194.22	4260095.3	0.44405	0.00434	0.00060	1.05140E-04	0.00444
524209.22	4260095.3	0.52689	0.00515	0.00059	1.03388E-04	0.00525
524224.22	4260095.3	0.63499	0.00620	0.00059	1.03388E-04	0.00630
524239.22	4260095.3	0.78033	0.00762	0.00060	1.05140E-04	0.00773
524254.22	4260095.3	0.98282	0.00960	0.00060	1.05140E-04	0.00970
524269.22	4260095.3	1.27749	0.01248	0.00061	1.06892E-04	0.01258
524134.22	4260110.3	0.27129	0.00265	0.00035	6.13316E-05	0.00271
524149.22	4260110.3	0.30966	0.00302	0.00042	7.35980E-05	0.00310
524164.22	4260110.3	0.35784	0.00349	0.00047	8.23596E-05	0.00358
524179.22	4260110.3	0.418	0.00408	0.00049	8.58643E-05	0.00417
524194.22	4260110.3	0.49461	0.00483	0.00049	8.58643E-05	0.00492
524209.22	4260110.3	0.59345	0.00580	0.00048	8.41120E-05	0.00588
524224.22	4260110.3	0.72351	0.00707	0.00048	8.41120E-05	0.00715
524239.22	4260110.3	0.90031	0.00879	0.00048	8.41120E-05	0.00888
524254.22	4260110.3	1.14882	0.01122	0.00048	8.41120E-05	0.01130
524269.22	4260110.3	1.51209	0.01477	0.00048	8.41120E-05	0.01485
524134.22	4260125.3	0.29185	0.00285	0.00029	5.08176E-05	0.00290
524149.22	4260125.3	0.33572	0.00328	0.00034	5.95793E-05	0.00334
524164.22	4260125.3	0.391	0.00382	0.00038	6.65886E-05	0.00388
524179.22	4260125.3	0.46144	0.00451	0.00040	7.00933E-05	0.00458
524194.22	4260125.3	0.55233	0.00539	0.00040	7.00933E-05	0.00546
524209.22	4260125.3	0.67098	0.00655	0.00040	7.00933E-05	0.00662
524224.22	4260125.3	0.82823	0.00809	0.00040	7.00933E-05	0.00816
524239.22	4260125.3	1.04426	0.01020	0.00040	7.00933E-05	0.01027
524254.22	4260125.3	1.34996	0.01318	0.00040	7.00933E-05	0.01325
524269.22	4260125.3	1.79972	0.01757	0.00040	7.00933E-05	0.01764
524134.22	4260140.3	0.31406	0.00307	0.00024	4.20560E-05	0.00311
524149.22	4260140.3	0.36374	0.00355	0.00028	4.90653E-05	0.00360
524164.22	4260140.3	0.42771	0.00418	0.00031	5.43223E-05	0.00423
524179.22	4260140.3	0.50983	0.00498	0.00033	5.78270E-05	0.00504
524194.22	4260140.3	0.61661	0.00602	0.00034	5.95793E-05	0.00608
524209.22	4260140.3	0.75814	0.00740	0.00034	5.95793E-05	0.00746
524224.22	4260140.3	0.9479	0.00926	0.00034	5.95793E-05	0.00932
524239.22	4260140.3	1.21063	0.01182	0.00034	5.95793E-05	0.01188
524254.22	4260140.3	1.58271	0.01546	0.00034	5.95793E-05	0.01552
524269.22	4260140.3	2.13206	0.02082	0.00033	5.78270E-05	0.02088
524134.22	4260155.3	0.33839	0.00330	0.00021	3.67990E-05	0.00334
524149.22	4260155.3	0.39363	0.00384	0.00023	4.03036E-05	0.00388
524164.22	4260155.3	0.46649	0.00456	0.00026	4.55606E-05	0.00460
524179.22	4260155.3	0.5619	0.00549	0.00027	4.73130E-05	0.00553
524194.22	4260155.3	0.68411	0.00668	0.00028	4.90653E-05	0.00673
524209.22	4260155.3	0.84649	0.00827	0.00029	5.08176E-05	0.00832
524224.22	4260155.3	1.07098	0.01046	0.00029	5.08176E-05	0.01051
524239.22	4260155.3	1.38626	0.01354	0.00029	5.08176E-05	0.01359
524254.22	4260155.3	1.83195	0.01789	0.00029	5.08176E-05	0.01794
524269.22	4260155.3	2.48712	0.02429	0.00028	4.90653E-05	0.02434
524134.22	4260170.3	0.36692	0.00358	0.00018	3.15420E-05	0.00361
524149.22	4260170.3	0.42859	0.00419	0.00020	3.50466E-05	0.00422
524164.22	4260170.3	0.51067	0.00499	0.00022	3.85513E-05	0.00503
524179.22	4260170.3	0.61926	0.00605	0.00023	4.03036E-05	0.00609
524194.22	4260170.3	0.75885	0.00741	0.00024	4.20560E-05	0.00745
524209.22	4260170.3	0.94274	0.00921	0.00025	4.38083E-05	0.00925
524224.22	4260170.3	1.20257	0.01174	0.00025	4.38083E-05	0.01179
524239.22	4260170.3	1.56904	0.01532	0.00025	4.38083E-05	0.01537
524254.22	4260170.3	2.08643	0.02037	0.00025	4.38083E-05	0.02042
524269.22	4260170.3	2.8445	0.02778	0.00024	4.20560E-05	0.02782
524134.22	4260185.3	0.4053	0.00396	0.00016	2.80373E-05	0.00399
524149.22	4260185.3	0.47478	0.00464	0.00018	3.15420E-05	0.00467
524164.22	4260185.3	0.56596	0.00553	0.00019	3.32943E-05	0.00556
524179.22	4260185.3	0.6854	0.00669	0.00020	3.50466E-05	0.00673
524194.22	4260185.3	0.84389	0.00824	0.00021	3.67990E-05	0.00828
524209.22	4260185.3	1.05598	0.01031	0.00021	3.67990E-05	0.01035
524224.22	4260185.3	1.34529	0.01314	0.00022	3.85513E-05	0.01318
524239.22	4260185.3	1.7506	0.01710	0.00022	3.85513E-05	0.01713
524254.22	4260185.3	2.32158	0.02267	0.00021	3.67990E-05	0.02271
524269.22	4260185.3	3.15415	0.03080	0.00021	3.67990E-05	0.03084
524134.22	4260200.3	0.45017	0.00440	0.00015	2.62850E-05	0.00442
524149.22	4260200.3	0.52905	0.00517	0.00016	2.80373E-05	0.00519
524164.22	4260200.3	0.62984	0.00615	0.00017	2.97897E-05	0.00618
524179.22	4260200.3	0.75995	0.00742	0.00018	3.15420E-05	0.00745
524194.22	4260200.3	0.93641	0.00914	0.00019	3.32943E-05	0.00918
524209.22	4260200.3	1.17623	0.01149	0.00019	3.32943E-05	0.01152
524224.22	4260200.3	1.49381	0.01459	0.00019	3.32943E-05	0.01462
524239.22	4260200.3	1.9286	0.01883	0.00019	3.32943E-05	0.01887
524254.22	4260200.3	2.5383	0.02479	0.00019	3.32943E-05	0.02482
524269.22	4260200.3	3.41685	0.03337	0.00018	3.15420E-05	0.03340
524134.22	4260215.3	0.50696	0.00495	0.00014	2.45327E-05	0.00498
524149.22	4260215.3	0.59524	0.00581	0.00015	2.62850E-05	0.00584
524164.22	4260215.3	0.70733	0.00691	0.00016	2.80373E-05	0.00694
524179.22	4260215.3	0.85081	0.00831	0.00016	2.80373E-05	0.00834
524194.22	4260215.3	1.04578	0.01021	0.00017	2.97897E-05	0.01024
524209.22	4260215.3	1.30779	0.01277	0.00017	2.97897E-05	0.01280
524224.22	4260215.3	1.65196	0.01613	0.00017	2.97897E-05	0.01616
524239.22	4260215.3	2.10761	0.02058	0.00017	2.97897E-05	0.02061
524254.22	4260215.3	2.73953	0.02675	0.00017	2.97897E-05	0.02678
524269.22	4260215.3	3.62148	0.03536	0.00016	2.80373E-05	0.03539
524134.22	4260230.3	0.56541	0.00552	0.00012	2.10280E-05	0.00554
524149.22	4260230.3	0.66468	0.00649	0.00013	2.27803E-05	0.00651
524164.22	4260230.3	0.78803	0.00770	0.00014	2.45327E-05	0.00772
524179.22	4260230.3	0.94253	0.00920	0.00015	2.62850E-05	0.00923
524194.22	4260230.3	1.15338	0.01126	0.00015	2.62850E-05	0.01129
524209.22	4260230.3	1.43703	0.01403	0.00015	2.62850E-05	0.01406
524224.22	4260230.3	1.7991	0.01757	0.00015	2.62850E-05	0.01759
524239.22	4260230.3	2.27011	0.02217	0.00015	2.62850E-05	0.02219
524254.22	4260230.3	2.90549	0.02837	0.00015	2.62850E-05	0.02840
524269.22	4260230.3	3.76042	0.03672	0.00014	2.45327E-05	0.03675
524134.22	4260245.3	0.62194	0.00607	0.00011	1.92757E-05	0.00609
524149.22	4260245.3	0.73478	0.00718	0.00012	2.10280E-05	0.00720
524164.22	4260245.3	0.86958	0.00849	0.00013	2.27803E-05	0.00851
524179.22	4260245.3	1.03166	0.01007	0.00013	2.27803E-05	0.01010
524194.22	4260245.3	1.25467	0.01225	0.00014	2.45327E-05	0.01228
524209.22	4260245.3	1.55549	0.01519	0.00014	2.45327E-05	0.01521
524224.22	4260245.3	1.93407	0.01889	0.00014	2.45327E-05	0.01891
524239.22	4260245.3	2.41734	0.02361	0.00013	2.27803E-05	0.02363
524254.22	4260245.3	3.04572	0.02974	0.00013	2.27803E-05	0.02977
524269.22	4260245.3	3.86134	0.03771	0.00013	2.27803E-05	0.03773
524134.22	4260260.3	0.67408	0.00658	0.00010	1.75233E-05	0.00660
524149.22	4260260.3	0.80097	0.00782	0.00011	1.92757E-05	0.00784
524164.22	4260260.3	0.94951	0.00927	0.00011	1.92757E-05	0.00929
524179.22	4260260.3	1.12084	0.01095	0.00012	2.10280E-05	0.01097
524194.22	4260260.3	1.35248	0.01321	0.00012	2.10280E-05	0.01323
524209.22	4260260.3	1.66274	0.01624	0.00012	2.10280E-05	0.01626
524224.22	4260260.3	2.04791	0.02000	0.00012	2.10280E-05	0.02002
524239.22	4260260.3	2.52877	0.02469	0.00012	2.10280E-05	0.02472
524254.22	4260260.3	3.13684	0.03063	0.00012	2.10280E-05	0.03065
524269.22	4260260.3	3.89985	0.03808	0.00012	2.10280E-05	0.03810
524134.22	4260275.3	0.70639	0.00690	0.00009	1.57710E-05	0.00691
524149.22	4260275.3	0.8605	0.00840	0.00010	1.75233E-05	0.00842
524164.22	4260275.3	1.02545	0.01001	0.00010	1.75233E-05	0.01003
524179.22	4260275.3	1.21412	0.01186	0.00011	1.92757E-05	0.01188
524194.22	4260275.3	1.45385	0.01420	0.00011	1.92757E-05	0.01422
524209.22	4260275.3	1.76083	0.01719	0.00011	1.92757E-05	0.01721
524224.22	4260275.3	2.13949	0.02089	0.00011	1.92757E-05	0.02091
524239.22	4260275.3	2.60587	0.02545	0.00011	1.92757E-05	0.02547
524254.22	4260275.3	3.1886	0.03114	0.00011	1.92757E-05	0.03116
524269.22	4260275.3	3.90406	0.03812	0.00011	1.92757E-05	0.03814
524134.22	4260290.3	0.73573	0.00718	0.00008	1.40187E-05	0.00720
524149.22	4260290.3	0.89797	0.00877	0.00009	1.57710E-05	0.00878
524164.22	4260290.3	1.08855	0.01063	0.00009	1.57710E-05	0.01065
524179.22	4260290.3	1.29367	0.01263	0.00010	1.75233E-05	0.01265
524194.22	4260290.3	1.53994	0.01504	0.00010	1.75233E-05	0.01506
524209.22	4260290.3	1.84078	0.01798	0.00010	1.75233E-05	0.01799
524224.22	4260290.3	2.20907	0.02157	0.00010	1.75233E-05	0.02159
524239.22	4260290.3	2.65222	0.02590	0.00010	1.75233E-05	0.02592
524254.22	4260290.3	3.2015	0.03126	0.00010	1.75233E-05	0.03128
524269.22	4260290.3	3.85874	0.03768	0.00010	1.75233E-05	0.03770
524134.22	4260305.3	0.77393	0.00756	0.00007	1.22663E-05	0.00757
524149.22	4260305.3	0.93169	0.00910	0.00008	1.40187E-05	0.00911
524164.22	4260305.3	1.13973	0.01113	0.00008	1.40187E-05	0.01114
524179.22	4260305.3	1.35485	0.01323	0.00009	1.57710E-05	0.01325
524194.22	4260305.3	1.60817	0.01570	0.00009	1.57710E-05	0.01572
524209.22	4260305.3	1.90533	0.01861	0.00009	1.57710E-05	0.01862
524224.22	4260305.3	2.2615	0.02208	0.00009	1.57710E-05	0.02210
524239.22	4260305.3	2.6822	0.02619	0.00009	1.57710E-05	0.02621
524254.22	4260305.3	3.18586	0.03111	0.00009	1.57710E-05	0.03113
524269.22	4260305.3	3.77418	0.03686	0.00009	1.57710E-05	0.03687
524134.22	4260320.3	0.80873	0.00790	0.00007	1.22663E-05	0.00791
524149.22	4260320.3	0.96475	0.00942	0.00007	1.22663E-05	0.00943
524164.22	4260320.3	1.16443	0.01137	0.00008	1.40187E-05	0.01138
524179.22	4260320.3	1.39759	0.01365	0.00008	1.40187E-05	0.01366
524194.22	4260320.3	1.65125	0.01612	0.00008	1.40187E-05	0.01614
524209.22	4260320.3	1.94208	0.01896	0.00009	1.57710E-05	0.01898
524224.22	4260320.3	2.28161	0.02228	0.00009	1.57710E-05	0.02230
524239.22	4260320.3	2.6756	0.02613	0.00009	1.57710E-05	0.02614
524254.22	4260320.3	3.13548	0.03062	0.00008	1.40187E-05	0.03063
524269.22	4260320.3	3.65724	0.03571	0.00008	1.40187E-05	0.03573
524134.22	4260335.3	0.84466	0.00825	0.00006	1.05140E-05	0.00826
524149.22	4260335.3	1.00213	0.00979	0.00007	1.22663E-05	0.00980
524164.22	4260335.3	1.20024	0.01172	0.00007	1.22663E-05	0.01173
524179.22	4260335.3	1.42832	0.01395	0.00008	1.40187E-05	0.01396
524194.22	4260335.3	1.67364	0.01634	0.00008	1.40187E-05	0.01636
524209.22	4260335.3	1.95057	0.01905	0.00008	1.40187E-05	0.01906
524224.22	4260335.3	2.27019	0.02217	0.00008	1.40187E-05	0.02218
524239.22	4260335.3	2.63556	0.02574	0.00008	1.40187E-05	0.02575
524254.22	4260335.3	3.05462	0.02983	0.00008	1.40187E-05	0.02984
524269.22	4260335.3	3.52627	0.03443	0.00008	1.40187E-05	0.03445
524134.22	4260350.3	0.8772	0.00857	0.00006	1.05140E-05	0.00858
524149.22	4260350.3	1.03577	0.01011	0.00006	1.05140E-05	0.01013
524164.22	4260350.3	1.23145	0.01203	0.00007	1.22663E-05	0.01204
524179.22	4260350.3	1.44828	0.01414	0.00007	1.22663E-05	0.01416
524194.22	4260350.3	1.68257	0.01643	0.00007	1.22663E-05	0.01644
524209.22	4260350.3	1.94417	0.01899	0.00007	1.22663E-05	0.01900
524224.22	4260350.3	2.24221	0.02190	0.00007	1.22663E-05	0.02191
524239.22	4260350.3	2.57914	0.02519	0.00007	1.22663E-05	0.02520
524254.22	4260350.3	2.95805	0.02889	0.00007	1.22663E-05	0.02890
524269.22	4260350.3	3.37698	0.03298	0.00007	1.22663E-05	0.03299
524204.65	4260012.52	0.31841	0.00311	0.00055	9.63783E-05	0.00321
524203.43	4260005.01	0.30836	0.00301	0.00052	9.11213E-05	0.00310
524204.65	4259997.73	0.3073	0.00300	0.00048	8.41120E-05	0.00308
524204.4	4259988.28	0.30147	0.00294	0.00045	7.88550E-05	0.00302
524189.13	4260004.28	0.26697	0.00261	0.00060	1.05140E-04	0.00271
524189.37	4259993.85	0.26126	0.00255	0.00056	9.81306E-05	0.00265
524190.83	4259982.7	0.26049	0.00254	0.00053	9.28736E-05	0.00264
524246.78	4259946.49	0.47596	0.00465	0.00026	4.55606E-05	0.00469
524255.34	4259929.66	0.51151	0.00500	0.00024	4.20560E-05	0.00504
524250.49	4259937.65	0.49065	0.00479	0.00025	4.38083E-05	0.00484
524232.52	4259935.94	0.40012	0.00391	0.00029	5.08176E-05	0.00396
524220.54	4259937.94	0.35094	0.00343	0.00033	5.78270E-05	0.00348
524212.55	4259949.92	0.32376	0.00316	0.00036	6.30840E-05	0.00322
524206.28	4259957.62	0.30335	0.00296	0.00040	7.00933E-05	0.00303
524199.43	4259957.05	0.2817	0.00275	0.00044	7.71026E-05	0.00283
524188.31	4259954.48	0.25028	0.00244	0.00054	9.46260E-05	0.00254
524196.86	4259946.49	0.27341	0.00267	0.00046	8.06073E-05	0.00275
524203.71	4259947.63	0.29404	0.00287	0.00041	7.18456E-05	0.00294
524199.43	4259934.8	0.28033	0.00274	0.00044	7.71026E-05	0.00281
524206.56	4259925.1	0.30091	0.00294	0.00040	7.00933E-05	0.00301
524213.12	4259917.68	0.32103	0.00313	0.00036	6.30840E-05	0.00320
524241.93	4259920.25	0.43619	0.00426	0.00026	4.55606E-05	0.00431
524215.97	4259907.7	0.32888	0.00321	0.00035	6.13316E-05	0.00327
524221.11	4259892.3	0.34142	0.00333	0.00033	5.78270E-05	0.00339
524238.79	4259898.86	0.40795	0.00398	0.00027	4.73130E-05	0.00403
524238.79	4259907.98	0.41397	0.00404	0.00027	4.73130E-05	0.00409
524237.37	4259884.59	0.39264	0.00383	0.00028	4.90653E-05	0.00388
524214.83	4259881.17	0.31909	0.00312	0.00037	6.48363E-05	0.00318
524203.14	4259873.47	0.28624	0.00280	0.00045	7.88550E-05	0.00287
524198.29	4259867.19	0.27347	0.00267	0.00050	8.76166E-05	0.00276
524232.8	4259867.19	0.36531	0.00357	0.00031	5.43223E-05	0.00362
524233.09	4259857.5	0.35986	0.00351	0.00031	5.43223E-05	0.00357
524235.66	4259852.36	0.36372	0.00355	0.00031	5.43223E-05	0.00361
524239.65	4259845.51	0.36981	0.00361	0.00030	5.25700E-05	0.00366
524243.93	4259834.68	0.37212	0.00363	0.00030	5.25700E-05	0.00369
524250.49	4259823.84	0.37816	0.00369	0.00029	5.08176E-05	0.00374
524243.64	4259822.12	0.35904	0.00351	0.00031	5.43223E-05	0.00356
524232.8	4259816.13	0.32654	0.00319	0.00036	6.30840E-05	0.00325
524225.1	4259826.4	0.31712	0.00310	0.00038	6.65886E-05	0.00316
524218.26	4259836.67	0.30884	0.00302	0.00040	7.00933E-05	0.00309
524210.55	4259846.94	0.29539	0.00288	0.00043	7.53503E-05	0.00296
524202	4259857.5	0.27883	0.00272	0.00049	8.58643E-05	0.00281
524265.77	4259728.17	0.28432	0.00278	0.00050	8.76166E-05	0.00286
524273.47	4259713.63	0.28025	0.00274	0.00050	8.76166E-05	0.00282
524276.89	4259698.51	0.272	0.00266	0.00050	8.76166E-05	0.00274
524260.92	4259693.94	0.24685	0.00241	0.00078	1.36682E-04	0.00255
524251.79	4259711.06	0.24846	0.00243	0.00086	1.50701E-04	0.00258
524250.65	4259723.04	0.25722	0.00251	0.00076	1.33177E-04	0.00264
524265.2	4259620.63	0.20204	0.00197	0.00110	1.92757E-04	0.00217
524284.88	4259588.39	0.19856	0.00194	0.00095	1.66472E-04	0.00211
524305.71	4259554.73	0.19401	0.00189	0.00102	1.78738E-04	0.00207
524315.12	4259565	0.21004	0.00205	0.00069	1.20911E-04	0.00217
524303.99	4259604.08	0.22817	0.00223	0.00054	9.46260E-05	0.00232
524638.04	4260127.68	2.83432	0.02768	0.00002	3.50466E-06	0.02768
524645.94	4260114.25	2.45624	0.02399	0.00002	3.50466E-06	0.02399
524647.12	4260105.17	2.35648	0.02301	0.00002	3.50466E-06	0.02302
524662.52	4260077.53	1.77325	0.01732	0.00002	3.50466E-06	0.01732
524692.14	4260053.84	1.21786	0.01189	0.00002	3.50466E-06	0.01190
524752.55	4260050.68	0.80613	0.00787	0.00001	1.75233E-06	0.00787
524338.94	4260404.55	3.80975	0.03720	0.00004	7.00933E-06	0.03721
524441.43	4260403.88	4.15918	0.04062	0.00003	5.25700E-06	0.04062
524538.99	4260369.97	2.65092	0.02589	0.00002	3.50466E-06	0.02589
524566.4	4260356.96	2.37859	0.02323	0.00002	3.50466E-06	0.02323
524530.17	4260389.94	2.53701	0.02477	0.00002	3.50466E-06	0.02478
524498.28	4260239.21	14.14181	0.13810	0.00004	7.00933E-06	0.13811
524477.41	4260262.98	13.77617	0.13453	0.00004	7.00933E-06	0.13453
524494.8	4260256.02	12.46909	0.12176	0.00004	7.00933E-06	0.12177
524515.67	4260222.4	13.04118	0.12735	0.00004	7.00933E-06	0.12736
524519.73	4260238.63	10.67239	0.10422	0.00004	7.00933E-06	0.10423
524519.15	4260249.06	9.76543	0.09536	0.00003	5.25700E-06	0.09537
524529	4260210.8	12.02879	0.11746	0.00004	7.00933E-06	0.11747
524535.38	4260221.82	10.21628	0.09976	0.00003	5.25700E-06	0.09977
524534.22	4260237.47	9.04324	0.08831	0.00003	5.25700E-06	0.08831
524546.97	4260196.89	10.1477	0.09909	0.00003	5.25700E-06	0.09910
524546.97	4260211.38	9.35687	0.09137	0.00003	5.25700E-06	0.09138
524549.87	4260224.14	8.30297	0.08108	0.00003	5.25700E-06	0.08109
524560.3	4260187.04	8.84755	0.08640	0.00003	5.25700E-06	0.08640
524569	4260203.85	7.21438	0.07045	0.00003	5.25700E-06	0.07046
524580.01	4260180.66	6.91629	0.06754	0.00003	5.25700E-06	0.06754
524580.01	4260198.05	6.47651	0.06324	0.00003	5.25700E-06	0.06325
524588.13	4260163.27	6.38813	0.06238	0.00003	5.25700E-06	0.06239
524598.57	4260182.98	5.35106	0.05225	0.00003	5.25700E-06	0.05226
524596.25	4260169.64	5.61282	0.05481	0.00003	5.25700E-06	0.05482

Oakmont Emerald Isle

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	0.85	0.25	11.6
1	1	10	1090	0.85	1	139.6
2	1	10	1090	0.85	1	139.6

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle **No Mitigation** **at Sensitive Recptors**

Estimated Cancer Risks from Construction DPM - Infant Receptors

Maximum Caner Risk
44.9
BAAQMD threshold of significance
10
Exceed thresholds?
Yes

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2018 (/million)	Infant Cancer Risk (year 1) 2018 (/million)	Infant Cancer Risk (year 2) 2019 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.033	0.393	0.313	0.73868
524149.22	4260065.3	0.037	0.451	0.356	0.84427
524164.22	4260065.3	0.042	0.508	0.403	0.95303
524179.22	4260065.3	0.048	0.575	0.457	1.07929
524194.22	4260065.3	0.054	0.658	0.524	1.23631
524209.22	4260065.3	0.063	0.762	0.609	1.43423
524224.22	4260065.3	0.074	0.897	0.718	1.68959
524239.22	4260065.3	0.089	1.076	0.864	2.02897
524254.22	4260065.3	0.109	1.319	1.062	2.49028
524269.22	4260065.3	0.137	1.659	1.338	3.13418
524134.22	4260080.3	0.034	0.415	0.332	0.78220
524149.22	4260080.3	0.039	0.473	0.377	0.88884
524164.22	4260080.3	0.044	0.537	0.429	1.00991
524179.22	4260080.3	0.051	0.612	0.490	1.15252
524194.22	4260080.3	0.058	0.705	0.566	1.32915
524209.22	4260080.3	0.068	0.823	0.662	1.55362
524224.22	4260080.3	0.081	0.977	0.787	1.84455
524239.22	4260080.3	0.098	1.182	0.954	2.23365
524254.22	4260080.3	0.121	1.464	1.184	2.76949
524269.22	4260080.3	0.155	1.867	1.513	3.53454
524134.22	4260095.3	0.037	0.441	0.354	0.83200
524149.22	4260095.3	0.042	0.503	0.403	0.94753
524164.22	4260095.3	0.048	0.574	0.461	1.08303
524179.22	4260095.3	0.055	0.661	0.532	1.24766
524194.22	4260095.3	0.064	0.769	0.620	1.45297
524209.22	4260095.3	0.075	0.907	0.733	1.71511
524224.22	4260095.3	0.090	1.088	0.880	2.05814
524239.22	4260095.3	0.110	1.331	1.079	2.52008
524254.22	4260095.3	0.138	1.670	1.355	3.16263
524269.22	4260095.3	0.179	2.163	1.757	4.09842
524134.22	4260110.3	0.039	0.469	0.378	0.88647
524149.22	4260110.3	0.044	0.536	0.432	1.01335
524164.22	4260110.3	0.051	0.619	0.499	1.16990
524179.22	4260110.3	0.060	0.721	0.582	1.36226
524194.22	4260110.3	0.070	0.849	0.686	1.60537
524209.22	4260110.3	0.084	1.014	0.821	1.91828
524224.22	4260110.3	0.102	1.231	0.998	2.33099
524239.22	4260110.3	0.126	1.526	1.239	2.89202
524254.22	4260110.3	0.161	1.942	1.578	3.68061
524269.22	4260110.3	0.211	2.549	2.073	4.83336
524134.22	4260125.3	0.041	0.501	0.405	0.94733
524149.22	4260125.3	0.048	0.576	0.466	1.09020
524164.22	4260125.3	0.056	0.671	0.542	1.26854
524179.22	4260125.3	0.065	0.789	0.639	1.49353
524194.22	4260125.3	0.078	0.941	0.763	1.78194
524209.22	4260125.3	0.094	1.140	0.925	2.15845
524224.22	4260125.3	0.116	1.402	1.139	2.65744
524239.22	4260125.3	0.146	1.763	1.433	3.34296
524254.22	4260125.3	0.188	2.274	1.850	4.31303
524269.22	4260125.3	0.251	3.026	2.463	5.74023
524134.22	4260140.3	0.044	0.536	0.434	1.01415
524149.22	4260140.3	0.051	0.621	0.503	1.17472
524164.22	4260140.3	0.060	0.729	0.591	1.37991
524179.22	4260140.3	0.072	0.867	0.703	1.64196
524194.22	4260140.3	0.087	1.046	0.849	1.98153
524209.22	4260140.3	0.106	1.283	1.042	2.43064
524224.22	4260140.3	0.132	1.600	1.301	3.03280
524239.22	4260140.3	0.169	2.039	1.659	3.86651
524254.22	4260140.3	0.220	2.661	2.166	5.04721
524269.22	4260140.3	0.296	3.579	2.915	6.78971
524134.22	4260155.3	0.048	0.575	0.466	1.08916
524149.22	4260155.3	0.055	0.668	0.542	1.26591
524164.22	4260155.3	0.066	0.791	0.642	1.49931
524179.22	4260155.3	0.079	0.951	0.773	1.80280
524194.22	4260155.3	0.096	1.156	0.940	2.19134
524209.22	4260155.3	0.118	1.428	1.161	2.70734
524224.22	4260155.3	0.149	1.803	1.467	3.41971
524239.22	4260155.3	0.193	2.330	1.897	4.42017
524254.22	4260155.3	0.255	3.075	2.505	5.83446
524269.22	4260155.3	0.345	4.170	3.398	7.91275
524134.22	4260170.3	0.051	0.621	0.505	1.17750
524149.22	4260170.3	0.060	0.725	0.589	1.37466
524164.22	4260170.3	0.071	0.863	0.702	1.63658
524179.22	4260170.3	0.087	1.045	0.850	1.98189
524194.22	4260170.3	0.106	1.279	1.040	2.42558
524209.22	4260170.3	0.131	1.587	1.291	3.00984
524224.22	4260170.3	0.167	2.021	1.646	3.83435
524239.22	4260170.3	0.218	2.634	2.145	4.99725
524254.22	4260170.3	0.290	3.499	2.851	6.63906
524269.22	4260170.3	0.395	4.765	3.884	9.04388
524134.22	4260185.3	0.057	0.685	0.556	1.29782
524149.22	4260185.3	0.066	0.802	0.652	1.51977
524164.22	4260185.3	0.079	0.955	0.776	1.80983
524179.22	4260185.3	0.096	1.155	0.939	2.18958
524194.22	4260185.3	0.118	1.420	1.156	2.69324
524209.22	4260185.3	0.147	1.775	1.445	3.36626
524224.22	4260185.3	0.187	2.259	1.839	4.28504
524239.22	4260185.3	0.243	2.936	2.392	5.57119
524254.22	4260185.3	0.322	3.890	3.170	7.38233
524269.22	4260185.3	0.437	5.282	4.305	10.02429
524134.22	4260200.3	0.063	0.759	0.617	1.43948
524149.22	4260200.3	0.074	0.892	0.725	1.69051
524164.22	4260200.3	0.088	1.060	0.863	2.01108
524179.22	4260200.3	0.106	1.278	1.040	2.42468
524194.22	4260200.3	0.130	1.574	1.281	2.98537
524209.22	4260200.3	0.163	1.975	1.608	3.74638
524224.22	4260200.3	0.207	2.505	2.041	4.75414
524239.22	4260200.3	0.268	3.232	2.634	6.13384
524254.22	4260200.3	0.352	4.251	3.465	8.06857
524269.22	4260200.3	0.474	5.719	4.663	10.85571
524134.22	4260215.3	0.071	0.854	0.695	1.61895
524149.22	4260215.3	0.083	1.002	0.815	1.89982
524164.22	4260215.3	0.098	1.190	0.968	2.25624
524179.22	4260215.3	0.118	1.429	1.164	2.71154
524194.22	4260215.3	0.145	1.756	1.430	3.33096
524209.22	4260215.3	0.182	2.194	1.787	4.16239
524224.22	4260215.3	0.229	2.769	2.256	5.25453
524239.22	4260215.3	0.292	3.531	2.878	6.70042
524254.22	4260215.3	0.380	4.587	3.739	8.70567
524269.22	4260215.3	0.502	6.061	4.941	11.50359
524134.22	4260230.3	0.079	0.950	0.774	1.80297
524149.22	4260230.3	0.092	1.117	0.909	2.11871
524164.22	4260230.3	0.110	1.324	1.078	2.51086
524179.22	4260230.3	0.131	1.582	1.289	3.00186
524194.22	4260230.3	0.160	1.935	1.576	3.67094
524209.22	4260230.3	0.199	2.409	1.963	4.57104
524224.22	4260230.3	0.250	3.014	2.456	5.71998
524239.22	4260230.3	0.315	3.801	3.099	7.21461
524254.22	4260230.3	0.403	4.863	3.965	9.23084
524269.22	4260230.3	0.521	6.292	5.130	11.94302
524134.22	4260245.3	0.086	1.045	0.851	1.98162
524149.22	4260245.3	0.102	1.234	1.005	2.34042
524164.22	4260245.3	0.121	1.459	1.189	2.76891
524179.22	4260245.3	0.143	1.730	1.410	3.28323
524194.22	4260245.3	0.174	2.104	1.714	3.99163
524209.22	4260245.3	0.216	2.606	2.124	4.94621
524224.22	4260245.3	0.268	3.239	2.640	6.14754
524239.22	4260245.3	0.335	4.047	3.299	7.68035
524254.22	4260245.3	0.422	5.097	4.155	9.67436
524269.22	4260245.3	0.535	6.460	5.267	12.26253
524134.22	4260260.3	0.094	1.131	0.921	2.14634
524149.22	4260260.3	0.111	1.344	1.095	2.54973
524164.22	4260260.3	0.132	1.592	1.297	3.02108
524179.22	4260260.3	0.156	1.879	1.531	3.56549
524194.22	4260260.3	0.188	2.266	1.847	4.30054
524209.22	4260260.3	0.231	2.785	2.270	5.28508
524224.22	4260260.3	0.284	3.429	2.795	6.50732
524239.22	4260260.3	0.350	4.232	3.450	8.03321
524254.22	4260260.3	0.435	5.249	4.279	9.96277
524269.22	4260260.3	0.540	6.524	5.320	12.38400
524134.22	4260275.3	0.098	1.185	0.965	2.24814
524149.22	4260275.3	0.119	1.443	1.176	2.73790
524164.22	4260275.3	0.142	1.719	1.400	3.26133
524179.22	4260275.3	0.168	2.034	1.658	3.86076
524194.22	4260275.3	0.202	2.435	1.985	4.62148
524209.22	4260275.3	0.244	2.948	2.403	5.59561
524224.22	4260275.3	0.297	3.581	2.920	6.79720
524239.22	4260275.3	0.361	4.361	3.555	8.27714
524254.22	4260275.3	0.442	5.335	4.350	10.12629
524269.22	4260275.3	0.541	6.531	5.325	12.39663
524134.22	4260290.3	0.102	1.233	1.005	2.34051
524149.22	4260290.3	0.125	1.505	1.226	2.85607
524164.22	4260290.3	0.151	1.824	1.486	3.46083
524179.22	4260290.3	0.179	2.167	1.766	4.11246
524194.22	4260290.3	0.213	2.579	2.102	4.89394
524209.22	4260290.3	0.255	3.081	2.512	5.84858
524224.22	4260290.3	0.306	3.697	3.014	7.01726
524239.22	4260290.3	0.367	4.438	3.618	8.42349
524254.22	4260290.3	0.443	5.356	4.367	10.16649
524269.22	4260290.3	0.534	6.455	5.263	12.25208
524134.22	4260305.3	0.107	1.297	1.057	2.46100
524149.22	4260305.3	0.129	1.561	1.272	2.96234
524164.22	4260305.3	0.158	1.909	1.556	3.62251
524179.22	4260305.3	0.188	2.269	1.849	4.30587
524194.22	4260305.3	0.223	2.692	2.195	5.10972
524209.22	4260305.3	0.264	3.189	2.600	6.05268
524224.22	4260305.3	0.313	3.784	3.085	7.18290
524239.22	4260305.3	0.372	4.487	3.659	8.51789
524254.22	4260305.3	0.441	5.329	4.346	10.11613
524269.22	4260305.3	0.523	6.313	5.148	11.98302
524134.22	4260320.3	0.112	1.355	1.104	2.57143
524149.22	4260320.3	0.134	1.616	1.317	3.06652
524164.22	4260320.3	0.161	1.950	1.589	3.70089
524179.22	4260320.3	0.194	2.340	1.907	4.44076
524194.22	4260320.3	0.229	2.764	2.253	5.24569
524209.22	4260320.3	0.269	3.250	2.650	6.16930
524224.22	4260320.3	0.316	3.818	3.113	7.24672
524239.22	4260320.3	0.371	4.476	3.650	8.49695
524254.22	4260320.3	0.434	5.245	4.277	9.95553
524269.22	4260320.3	0.506	6.117	4.988	11.61121
524134.22	4260335.3	0.117	1.415	1.153	2.68471
524149.22	4260335.3	0.139	1.678	1.368	3.18514
524164.22	4260335.3	0.166	2.009	1.638	3.81379
524179.22	4260335.3	0.198	2.391	1.949	4.53828
524194.22	4260335.3	0.232	2.801	2.284	5.31674
524209.22	4260335.3	0.270	3.264	2.661	6.19551
524224.22	4260335.3	0.314	3.798	3.097	7.20975
524239.22	4260335.3	0.365	4.409	3.595	8.36916
524254.22	4260335.3	0.423	5.109	4.166	9.69894
524269.22	4260335.3	0.488	5.898	4.809	11.19561
524134.22	4260350.3	0.122	1.469	1.197	2.78797
524149.22	4260350.3	0.144	1.734	1.414	3.29115
524164.22	4260350.3	0.171	2.062	1.681	3.91283
524179.22	4260350.3	0.201	2.424	1.976	4.60088
524194.22	4260350.3	0.233	2.816	2.296	5.34435
524209.22	4260350.3	0.269	3.253	2.652	6.17447
524224.22	4260350.3	0.311	3.751	3.059	7.12023
524239.22	4260350.3	0.357	4.314	3.518	8.18939
524254.22	4260350.3	0.410	4.948	4.034	9.39177
524269.22	4260350.3	0.468	5.648	4.606	10.72114
524204.65	4260012.52	0.046	0.557	0.448	1.05063
524203.43	4260005.01	0.045	0.539	0.433	1.01654
524204.65	4259997.73	0.044	0.535	0.431	1.01025
524204.4	4259988.28	0.043	0.524	0.422	0.98956
524189.13	4260004.28	0.039	0.473	0.379	0.89105
524189.37	4259993.85	0.038	0.462	0.370	0.87001
524190.83	4259982.7	0.038	0.459	0.368	0.86537
524246.78	4259946.49	0.067	0.807	0.655	1.52936
524255.34	4259929.66	0.072	0.866	0.703	1.64071
524250.49	4259937.65	0.069	0.831	0.675	1.57524
524232.52	4259935.94	0.056	0.682	0.553	1.29090
524220.54	4259937.94	0.050	0.601	0.487	1.13776
524212.55	4259949.92	0.046	0.557	0.450	1.05371
524206.28	4259957.62	0.043	0.525	0.423	0.99187
524199.43	4259957.05	0.041	0.491	0.395	0.92609
524188.31	4259954.48	0.037	0.443	0.354	0.83370
524196.86	4259946.49	0.040	0.478	0.384	0.90125
524203.71	4259947.63	0.042	0.510	0.411	0.96305
524199.43	4259934.8	0.040	0.488	0.393	0.92174
524206.56	4259925.1	0.043	0.521	0.420	0.98412
524213.12	4259917.68	0.046	0.553	0.446	1.04504
524241.93	4259920.25	0.061	0.741	0.601	1.40316
524215.97	4259907.7	0.047	0.565	0.457	1.06922
524221.11	4259892.3	0.048	0.586	0.474	1.10755
524238.79	4259898.86	0.057	0.694	0.563	1.31428
524238.79	4259907.98	0.058	0.704	0.571	1.33338
524237.37	4259884.59	0.055	0.669	0.542	1.26643
524214.83	4259881.17	0.046	0.550	0.444	1.03962
524203.14	4259873.47	0.041	0.499	0.401	0.94123
524198.29	4259867.19	0.040	0.480	0.385	0.90436
524232.8	4259867.19	0.052	0.625	0.506	1.18190
524233.09	4259857.5	0.051	0.615	0.498	1.16460
524235.66	4259852.36	0.051	0.622	0.503	1.17685
524239.65	4259845.51	0.052	0.632	0.512	1.19545
524243.93	4259834.68	0.053	0.635	0.515	1.20278
524250.49	4259823.84	0.053	0.645	0.523	1.22121
524243.64	4259822.12	0.051	0.614	0.497	1.16200
524232.8	4259816.13	0.047	0.562	0.454	1.06253
524225.1	4259826.4	0.045	0.547	0.442	1.03410
524218.26	4259836.67	0.044	0.534	0.431	1.00929
524210.55	4259846.94	0.042	0.513	0.413	0.96880
524202	4259857.5	0.040	0.488	0.392	0.92064
524265.77	4259728.17	0.041	0.498	0.400	0.93879
524273.47	4259713.63	0.041	0.491	0.394	0.92588
524276.89	4259698.51	0.040	0.477	0.383	0.89970
524260.92	4259693.94	0.037	0.448	0.356	0.84037
524251.79	4259711.06	0.038	0.454	0.360	0.85133
524250.65	4259723.04	0.038	0.464	0.369	0.87182
524265.2	4259620.63	0.032	0.387	0.302	0.72159
524284.88	4259588.39	0.031	0.375	0.294	0.69957
524305.71	4259554.73	0.031	0.370	0.289	0.69025
524315.12	4259565	0.032	0.382	0.303	0.71698
524303.99	4259604.08	0.034	0.406	0.324	0.76354
524638.04	4260127.68	0.392	4.739	3.865	8.99549
524645.94	4260114.25	0.340	4.107	3.349	7.79574
524647.12	4260105.17	0.326	3.940	3.213	7.47918
524662.52	4260077.53	0.245	2.965	2.418	5.62844
524692.14	4260053.84	0.169	2.037	1.661	3.86604
524752.55	4260050.68	0.112	1.348	1.099	2.55879
524338.94	4260404.55	0.527	6.370	5.195	12.09224
524441.43	4260403.88	0.576	6.954	5.671	13.20034
524538.99	4260369.97	0.367	4.432	3.615	8.41351
524566.4	4260356.96	0.329	3.977	3.243	7.54934
524530.17	4260389.94	0.351	4.242	3.459	8.05205
524498.28	4260239.21	1.957	23.640	19.281	44.87851
524477.41	4260262.98	1.907	23.029	18.782	43.71824
524494.8	4260256.02	1.726	20.844	17.000	39.57054
524515.67	4260222.4	1.805	21.801	17.780	41.38593
524519.73	4260238.63	1.477	17.841	14.551	33.86915
524519.15	4260249.06	1.352	16.325	13.314	30.99040
524529	4260210.8	1.665	20.108	16.400	38.17336
524535.38	4260221.82	1.414	17.078	13.929	32.42107
524534.22	4260237.47	1.252	15.117	12.330	28.69871
524546.97	4260196.89	1.405	16.964	13.835	32.20344
524546.97	4260211.38	1.295	15.642	12.757	29.69394
524549.87	4260224.14	1.149	13.880	11.320	26.34964
524560.3	4260187.04	1.225	14.790	12.063	28.07774
524569	4260203.85	0.999	12.060	9.836	22.89527
524580.01	4260180.66	0.957	11.562	9.430	21.94935
524580.01	4260198.05	0.896	10.827	8.830	20.55382
524588.13	4260163.27	0.884	10.679	8.710	20.27337
524598.57	4260182.98	0.741	8.946	7.296	16.98248
524596.25	4260169.64	0.777	9.383	7.653	17.81311

Oakmont Emerald Isle

No Mitigation

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	3	572	0.73	1	18.9
2	1	3	572	0.73	1	18.9

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle **No Mitigation** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

Maximum Caner Risk
6
BAAQMD threshold of significance
10
Exceed thresholds?
No

X (m)	Y (m)	Child Cancer Risk (year 1) 2017 (/million)	Child Cancer Risk (year 2) 2017 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.053	0.042	0.09547
524149.22	4260065.3	0.061	0.048	0.10910
524164.22	4260065.3	0.069	0.054	0.12316
524179.22	4260065.3	0.078	0.062	0.13949
524194.22	4260065.3	0.089	0.071	0.15979
524209.22	4260065.3	0.103	0.082	0.18538
524224.22	4260065.3	0.121	0.097	0.21840
524239.22	4260065.3	0.145	0.117	0.26228
524254.22	4260065.3	0.178	0.144	0.32193
524269.22	4260065.3	0.224	0.181	0.40519
524134.22	4260080.3	0.056	0.045	0.10111
524149.22	4260080.3	0.064	0.051	0.11489
524164.22	4260080.3	0.073	0.058	0.13054
524179.22	4260080.3	0.083	0.066	0.14898
524194.22	4260080.3	0.095	0.077	0.17182
524209.22	4260080.3	0.111	0.090	0.20084
524224.22	4260080.3	0.132	0.106	0.23846
524239.22	4260080.3	0.160	0.129	0.28877
524254.22	4260080.3	0.198	0.160	0.35806
524269.22	4260080.3	0.252	0.205	0.45699
524134.22	4260095.3	0.060	0.048	0.10755
524149.22	4260095.3	0.068	0.055	0.12248
524164.22	4260095.3	0.078	0.062	0.14000
524179.22	4260095.3	0.089	0.072	0.16129
524194.22	4260095.3	0.104	0.084	0.18784
524209.22	4260095.3	0.123	0.099	0.22174
524224.22	4260095.3	0.147	0.119	0.26609
524239.22	4260095.3	0.180	0.146	0.32582
524254.22	4260095.3	0.226	0.183	0.40891
524269.22	4260095.3	0.292	0.237	0.52992
524134.22	4260110.3	0.063	0.051	0.11460
524149.22	4260110.3	0.073	0.058	0.13101
524164.22	4260110.3	0.084	0.068	0.15124
524179.22	4260110.3	0.097	0.079	0.17612
524194.22	4260110.3	0.115	0.093	0.20755
524209.22	4260110.3	0.137	0.111	0.24802
524224.22	4260110.3	0.166	0.135	0.30138
524239.22	4260110.3	0.206	0.168	0.37393
524254.22	4260110.3	0.263	0.213	0.47590
524269.22	4260110.3	0.345	0.280	0.62496
524134.22	4260125.3	0.068	0.055	0.12248
524149.22	4260125.3	0.078	0.063	0.14095
524164.22	4260125.3	0.091	0.073	0.16401
524179.22	4260125.3	0.107	0.086	0.19310
524194.22	4260125.3	0.127	0.103	0.23039
524209.22	4260125.3	0.154	0.125	0.27908
524224.22	4260125.3	0.190	0.154	0.34360
524239.22	4260125.3	0.238	0.194	0.43225
524254.22	4260125.3	0.308	0.250	0.55768
524269.22	4260125.3	0.409	0.333	0.74223
524134.22	4260140.3	0.072	0.059	0.13112
524149.22	4260140.3	0.084	0.068	0.15188
524164.22	4260140.3	0.099	0.080	0.17841
524179.22	4260140.3	0.117	0.095	0.21230
524194.22	4260140.3	0.141	0.115	0.25620
524209.22	4260140.3	0.173	0.141	0.31428
524224.22	4260140.3	0.216	0.176	0.39214
524239.22	4260140.3	0.276	0.224	0.49995
524254.22	4260140.3	0.360	0.293	0.65262
524269.22	4260140.3	0.484	0.394	0.87794
524134.22	4260155.3	0.078	0.063	0.14082
524149.22	4260155.3	0.090	0.073	0.16368
524164.22	4260155.3	0.107	0.087	0.19386
524179.22	4260155.3	0.129	0.104	0.23310
524194.22	4260155.3	0.156	0.127	0.28334
524209.22	4260155.3	0.193	0.157	0.35006
524224.22	4260155.3	0.244	0.198	0.44218
524239.22	4260155.3	0.315	0.256	0.57155
524254.22	4260155.3	0.416	0.339	0.75443
524269.22	4260155.3	0.564	0.459	1.02317
524134.22	4260170.3	0.084	0.068	0.15225
524149.22	4260170.3	0.098	0.080	0.17774
524164.22	4260170.3	0.117	0.095	0.21161
524179.22	4260170.3	0.141	0.115	0.25626
524194.22	4260170.3	0.173	0.141	0.31363
524209.22	4260170.3	0.215	0.175	0.38918
524224.22	4260170.3	0.273	0.222	0.49580
524239.22	4260170.3	0.356	0.290	0.64617
524254.22	4260170.3	0.473	0.385	0.85847
524269.22	4260170.3	0.644	0.525	1.16944
524134.22	4260185.3	0.093	0.075	0.16781
524149.22	4260185.3	0.108	0.088	0.19651
524164.22	4260185.3	0.129	0.105	0.23401
524179.22	4260185.3	0.156	0.127	0.28312
524194.22	4260185.3	0.192	0.156	0.34824
524209.22	4260185.3	0.240	0.195	0.43527
524224.22	4260185.3	0.305	0.249	0.55408
524239.22	4260185.3	0.397	0.323	0.72039
524254.22	4260185.3	0.526	0.429	0.95458
524269.22	4260185.3	0.714	0.582	1.29621
524134.22	4260200.3	0.103	0.083	0.18613
524149.22	4260200.3	0.121	0.098	0.21859
524164.22	4260200.3	0.143	0.117	0.26004
524179.22	4260200.3	0.173	0.141	0.31352
524194.22	4260200.3	0.213	0.173	0.38602
524209.22	4260200.3	0.267	0.217	0.48443
524224.22	4260200.3	0.339	0.276	0.61474
524239.22	4260200.3	0.437	0.356	0.79315
524254.22	4260200.3	0.575	0.469	1.04332
524269.22	4260200.3	0.773	0.630	1.40372
524134.22	4260215.3	0.115	0.094	0.20933
524149.22	4260215.3	0.135	0.110	0.24565
524164.22	4260215.3	0.161	0.131	0.29174
524179.22	4260215.3	0.193	0.157	0.35061
524194.22	4260215.3	0.237	0.193	0.43071
524209.22	4260215.3	0.297	0.242	0.53822
524224.22	4260215.3	0.374	0.305	0.67944
524239.22	4260215.3	0.477	0.389	0.86641
524254.22	4260215.3	0.620	0.506	1.12571
524269.22	4260215.3	0.819	0.668	1.48750
524134.22	4260230.3	0.129	0.105	0.23313
524149.22	4260230.3	0.151	0.123	0.27396
524164.22	4260230.3	0.179	0.146	0.32467
524179.22	4260230.3	0.214	0.174	0.38816
524194.22	4260230.3	0.262	0.213	0.47467
524209.22	4260230.3	0.326	0.265	0.59106
524224.22	4260230.3	0.408	0.332	0.73963
524239.22	4260230.3	0.514	0.419	0.93290
524254.22	4260230.3	0.658	0.536	1.19362
524269.22	4260230.3	0.851	0.694	1.54433
524134.22	4260245.3	0.141	0.115	0.25623
524149.22	4260245.3	0.167	0.136	0.30263
524164.22	4260245.3	0.197	0.161	0.35803
524179.22	4260245.3	0.234	0.191	0.42454
524194.22	4260245.3	0.284	0.232	0.51614
524209.22	4260245.3	0.352	0.287	0.63958
524224.22	4260245.3	0.438	0.357	0.79492
524239.22	4260245.3	0.547	0.446	0.99313
524254.22	4260245.3	0.689	0.562	1.25097
524269.22	4260245.3	0.873	0.712	1.58564
524134.22	4260260.3	0.153	0.125	0.27753
524149.22	4260260.3	0.182	0.148	0.32969
524164.22	4260260.3	0.215	0.175	0.39064
524179.22	4260260.3	0.254	0.207	0.46104
524194.22	4260260.3	0.306	0.250	0.55609
524209.22	4260260.3	0.377	0.307	0.68340
524224.22	4260260.3	0.464	0.378	0.84144
524239.22	4260260.3	0.572	0.467	1.03876
524254.22	4260260.3	0.710	0.579	1.28826
524269.22	4260260.3	0.882	0.719	1.60135
524134.22	4260275.3	0.160	0.131	0.29070
524149.22	4260275.3	0.195	0.159	0.35403
524164.22	4260275.3	0.232	0.189	0.42171
524179.22	4260275.3	0.275	0.224	0.49922
524194.22	4260275.3	0.329	0.268	0.59759
524209.22	4260275.3	0.399	0.325	0.72355
524224.22	4260275.3	0.484	0.395	0.87893
524239.22	4260275.3	0.590	0.481	1.07030
524254.22	4260275.3	0.721	0.588	1.30941
524269.22	4260275.3	0.883	0.720	1.60298
524134.22	4260290.3	0.167	0.136	0.30264
524149.22	4260290.3	0.203	0.166	0.36931
524164.22	4260290.3	0.247	0.201	0.44751
524179.22	4260290.3	0.293	0.239	0.53177
524194.22	4260290.3	0.349	0.284	0.63282
524209.22	4260290.3	0.417	0.340	0.75627
524224.22	4260290.3	0.500	0.408	0.90739
524239.22	4260290.3	0.600	0.489	1.08922
524254.22	4260290.3	0.724	0.590	1.31461
524269.22	4260290.3	0.873	0.712	1.58429
524134.22	4260305.3	0.175	0.143	0.31822
524149.22	4260305.3	0.211	0.172	0.38305
524164.22	4260305.3	0.258	0.210	0.46842
524179.22	4260305.3	0.307	0.250	0.55678
524194.22	4260305.3	0.364	0.297	0.66072
524209.22	4260305.3	0.431	0.352	0.78266
524224.22	4260305.3	0.512	0.417	0.92881
524239.22	4260305.3	0.607	0.495	1.10143
524254.22	4260305.3	0.721	0.588	1.30810
524269.22	4260305.3	0.854	0.696	1.54950
524134.22	4260320.3	0.183	0.149	0.33250
524149.22	4260320.3	0.218	0.178	0.39652
524164.22	4260320.3	0.264	0.215	0.47855
524179.22	4260320.3	0.316	0.258	0.57422
524194.22	4260320.3	0.374	0.305	0.67831
524209.22	4260320.3	0.439	0.358	0.79774
524224.22	4260320.3	0.516	0.421	0.93706
524239.22	4260320.3	0.605	0.493	1.09872
524254.22	4260320.3	0.709	0.578	1.28733
524269.22	4260320.3	0.827	0.674	1.50142
524134.22	4260335.3	0.191	0.156	0.34715
524149.22	4260335.3	0.227	0.185	0.41186
524164.22	4260335.3	0.272	0.221	0.49315
524179.22	4260335.3	0.323	0.264	0.58683
524194.22	4260335.3	0.379	0.309	0.68749
524209.22	4260335.3	0.441	0.360	0.80113
524224.22	4260335.3	0.514	0.419	0.93228
524239.22	4260335.3	0.596	0.486	1.08220
524254.22	4260335.3	0.691	0.563	1.25415
524269.22	4260335.3	0.797	0.650	1.44768
524134.22	4260350.3	0.199	0.162	0.36050
524149.22	4260350.3	0.234	0.191	0.42557
524164.22	4260350.3	0.279	0.227	0.50596
524179.22	4260350.3	0.328	0.267	0.59493
524194.22	4260350.3	0.381	0.310	0.69107
524209.22	4260350.3	0.440	0.359	0.79841
524224.22	4260350.3	0.507	0.414	0.92070
524239.22	4260350.3	0.583	0.476	1.05895
524254.22	4260350.3	0.669	0.545	1.21443
524269.22	4260350.3	0.764	0.623	1.38633
524204.65	4260012.52	0.075	0.061	0.13582
524203.43	4260005.01	0.073	0.059	0.13141
524204.65	4259997.73	0.072	0.058	0.13060
524204.4	4259988.28	0.071	0.057	0.12793
524189.13	4260004.28	0.064	0.051	0.11518
524189.37	4259993.85	0.062	0.050	0.11246
524190.83	4259982.7	0.062	0.050	0.11186
524246.78	4259946.49	0.109	0.089	0.19774
524255.34	4259929.66	0.117	0.095	0.21214
524250.49	4259937.65	0.112	0.091	0.20367
524232.52	4259935.94	0.092	0.075	0.16690
524220.54	4259937.94	0.081	0.066	0.14710
524212.55	4259949.92	0.075	0.061	0.13623
524206.28	4259957.62	0.071	0.057	0.12823
524199.43	4259957.05	0.066	0.053	0.11972
524188.31	4259954.48	0.060	0.048	0.10777
524196.86	4259946.49	0.065	0.052	0.11651
524203.71	4259947.63	0.069	0.056	0.12450
524199.43	4259934.8	0.066	0.053	0.11916
524206.56	4259925.1	0.070	0.057	0.12723
524213.12	4259917.68	0.075	0.060	0.13511
524241.93	4259920.25	0.100	0.081	0.18142
524215.97	4259907.7	0.076	0.062	0.13823
524221.11	4259892.3	0.079	0.064	0.14319
524238.79	4259898.86	0.094	0.076	0.16993
524238.79	4259907.98	0.095	0.077	0.17240
524237.37	4259884.59	0.090	0.073	0.16374
524214.83	4259881.17	0.074	0.060	0.13441
524203.14	4259873.47	0.067	0.054	0.12168
524198.29	4259867.19	0.065	0.052	0.11691
524232.8	4259867.19	0.084	0.068	0.15281
524233.09	4259857.5	0.083	0.067	0.15057
524235.66	4259852.36	0.084	0.068	0.15215
524239.65	4259845.51	0.085	0.069	0.15456
524243.93	4259834.68	0.086	0.070	0.15551
524250.49	4259823.84	0.087	0.071	0.15789
524243.64	4259822.12	0.083	0.067	0.15023
524232.8	4259816.13	0.076	0.061	0.13737
524225.1	4259826.4	0.074	0.060	0.13369
524218.26	4259836.67	0.072	0.058	0.13048
524210.55	4259846.94	0.069	0.056	0.12524
524202	4259857.5	0.066	0.053	0.11901
524265.77	4259728.17	0.067	0.054	0.12136
524273.47	4259713.63	0.066	0.053	0.11969
524276.89	4259698.51	0.065	0.052	0.11630
524260.92	4259693.94	0.061	0.048	0.10861
524251.79	4259711.06	0.061	0.049	0.11002
524250.65	4259723.04	0.063	0.050	0.11268
524265.2	4259620.63	0.052	0.041	0.09323
524284.88	4259588.39	0.051	0.040	0.09039
524305.71	4259554.73	0.050	0.039	0.08918
524315.12	4259565	0.052	0.041	0.09266
524303.99	4259604.08	0.055	0.044	0.09869
524638.04	4260127.68	0.641	0.523	1.16319
524645.94	4260114.25	0.555	0.453	1.00806
524647.12	4260105.17	0.533	0.434	0.96712
524662.52	4260077.53	0.401	0.327	0.72780
524692.14	4260053.84	0.275	0.225	0.49991
524752.55	4260050.68	0.182	0.149	0.33087
524338.94	4260404.55	0.861	0.702	1.56363
524441.43	4260403.88	0.940	0.767	1.70692
524538.99	4260369.97	0.599	0.489	1.08794
524566.4	4260356.96	0.538	0.439	0.97619
524530.17	4260389.94	0.573	0.468	1.04120
524498.28	4260239.21	3.196	2.607	5.80318
524477.41	4260262.98	3.114	2.539	5.65315
524494.8	4260256.02	2.818	2.299	5.11681
524515.67	4260222.4	2.948	2.404	5.35156
524519.73	4260238.63	2.412	1.967	4.37957
524519.15	4260249.06	2.207	1.800	4.00733
524529	4260210.8	2.719	2.217	4.93614
524535.38	4260221.82	2.309	1.883	4.19232
524534.22	4260237.47	2.044	1.667	3.71099
524546.97	4260196.89	2.294	1.871	4.16418
524546.97	4260211.38	2.115	1.725	3.83968
524549.87	4260224.14	1.877	1.531	3.40724
524560.3	4260187.04	2.000	1.631	3.63069
524569	4260203.85	1.631	1.330	2.96056
524580.01	4260180.66	1.563	1.275	2.83824
524580.01	4260198.05	1.464	1.194	2.65779
524588.13	4260163.27	1.444	1.178	2.62152
524598.57	4260182.98	1.210	0.986	2.19598
524596.25	4260169.64	1.269	1.035	2.30339

Oakmont Emerald Isle

No Mitigation

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	1	261	0.72	1	2.8
2	1	1	261	0.72	1	2.8

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle **No Mitigation** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Adult Cancer Risk (year 1) 2017 (/million)	Adult Cancer Risk (year 2) 2018 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.008	0.006	0.01432
524149.22	4260065.3	0.009	0.007	0.01637
524164.22	4260065.3	0.010	0.008	0.01848
524179.22	4260065.3	0.012	0.009	0.02093
524194.22	4260065.3	0.013	0.011	0.02397
524209.22	4260065.3	0.015	0.012	0.02781
524224.22	4260065.3	0.018	0.015	0.03276
524239.22	4260065.3	0.022	0.018	0.03935
524254.22	4260065.3	0.027	0.022	0.04829
524269.22	4260065.3	0.034	0.027	0.06078
524134.22	4260080.3	0.008	0.007	0.01517
524149.22	4260080.3	0.010	0.008	0.01723
524164.22	4260080.3	0.011	0.009	0.01958
524179.22	4260080.3	0.012	0.010	0.02235
524194.22	4260080.3	0.014	0.011	0.02577
524209.22	4260080.3	0.017	0.013	0.03013
524224.22	4260080.3	0.020	0.016	0.03577
524239.22	4260080.3	0.024	0.019	0.04332
524254.22	4260080.3	0.030	0.024	0.05371
524269.22	4260080.3	0.038	0.031	0.06855
524134.22	4260095.3	0.009	0.007	0.01613
524149.22	4260095.3	0.010	0.008	0.01837
524164.22	4260095.3	0.012	0.009	0.02100
524179.22	4260095.3	0.013	0.011	0.02420
524194.22	4260095.3	0.016	0.013	0.02818
524209.22	4260095.3	0.018	0.015	0.03326
524224.22	4260095.3	0.022	0.018	0.03992
524239.22	4260095.3	0.027	0.022	0.04888
524254.22	4260095.3	0.034	0.027	0.06134
524269.22	4260095.3	0.044	0.036	0.07950
524134.22	4260110.3	0.010	0.008	0.01719
524149.22	4260110.3	0.011	0.009	0.01965
524164.22	4260110.3	0.013	0.010	0.02269
524179.22	4260110.3	0.015	0.012	0.02642
524194.22	4260110.3	0.017	0.014	0.03114
524209.22	4260110.3	0.021	0.017	0.03721
524224.22	4260110.3	0.025	0.020	0.04521
524239.22	4260110.3	0.031	0.025	0.05609
524254.22	4260110.3	0.039	0.032	0.07139
524269.22	4260110.3	0.052	0.042	0.09375
524134.22	4260125.3	0.010	0.008	0.01837
524149.22	4260125.3	0.012	0.009	0.02114
524164.22	4260125.3	0.014	0.011	0.02460
524179.22	4260125.3	0.016	0.013	0.02897
524194.22	4260125.3	0.019	0.015	0.03456
524209.22	4260125.3	0.023	0.019	0.04187
524224.22	4260125.3	0.028	0.023	0.05155
524239.22	4260125.3	0.036	0.029	0.06484
524254.22	4260125.3	0.046	0.038	0.08366
524269.22	4260125.3	0.061	0.050	0.11135
524134.22	4260140.3	0.011	0.009	0.01967
524149.22	4260140.3	0.013	0.010	0.02278
524164.22	4260140.3	0.015	0.012	0.02676
524179.22	4260140.3	0.018	0.014	0.03185
524194.22	4260140.3	0.021	0.017	0.03843
524209.22	4260140.3	0.026	0.021	0.04715
524224.22	4260140.3	0.032	0.026	0.05883
524239.22	4260140.3	0.041	0.034	0.07500
524254.22	4260140.3	0.054	0.044	0.09790
524269.22	4260140.3	0.073	0.059	0.13170
524134.22	4260155.3	0.012	0.009	0.02113
524149.22	4260155.3	0.014	0.011	0.02455
524164.22	4260155.3	0.016	0.013	0.02908
524179.22	4260155.3	0.019	0.016	0.03497
524194.22	4260155.3	0.023	0.019	0.04250
524209.22	4260155.3	0.029	0.024	0.05251
524224.22	4260155.3	0.037	0.030	0.06633
524239.22	4260155.3	0.047	0.038	0.08574
524254.22	4260155.3	0.062	0.051	0.11317
524269.22	4260155.3	0.085	0.069	0.15349
524134.22	4260170.3	0.013	0.010	0.02284
524149.22	4260170.3	0.015	0.012	0.02666
524164.22	4260170.3	0.018	0.014	0.03174
524179.22	4260170.3	0.021	0.017	0.03844
524194.22	4260170.3	0.026	0.021	0.04705
524209.22	4260170.3	0.032	0.026	0.05838
524224.22	4260170.3	0.041	0.033	0.07438
524239.22	4260170.3	0.053	0.044	0.09693
524254.22	4260170.3	0.071	0.058	0.12878
524269.22	4260170.3	0.097	0.079	0.17543
524134.22	4260185.3	0.014	0.011	0.02517
524149.22	4260185.3	0.016	0.013	0.02948
524164.22	4260185.3	0.019	0.016	0.03511
524179.22	4260185.3	0.023	0.019	0.04247
524194.22	4260185.3	0.029	0.023	0.05224
524209.22	4260185.3	0.036	0.029	0.06530
524224.22	4260185.3	0.046	0.037	0.08312
524239.22	4260185.3	0.060	0.049	0.10807
524254.22	4260185.3	0.079	0.064	0.14320
524269.22	4260185.3	0.107	0.087	0.19445
524134.22	4260200.3	0.015	0.013	0.02792
524149.22	4260200.3	0.018	0.015	0.03279
524164.22	4260200.3	0.022	0.018	0.03901
524179.22	4260200.3	0.026	0.021	0.04703
524194.22	4260200.3	0.032	0.026	0.05791
524209.22	4260200.3	0.040	0.033	0.07267
524224.22	4260200.3	0.051	0.041	0.09222
524239.22	4260200.3	0.066	0.053	0.11898
524254.22	4260200.3	0.086	0.070	0.15651
524269.22	4260200.3	0.116	0.095	0.21058
524134.22	4260215.3	0.017	0.014	0.03140
524149.22	4260215.3	0.020	0.017	0.03685
524164.22	4260215.3	0.024	0.020	0.04377
524179.22	4260215.3	0.029	0.024	0.05260
524194.22	4260215.3	0.036	0.029	0.06461
524209.22	4260215.3	0.044	0.036	0.08074
524224.22	4260215.3	0.056	0.046	0.10193
524239.22	4260215.3	0.072	0.058	0.12997
524254.22	4260215.3	0.093	0.076	0.16887
524269.22	4260215.3	0.123	0.100	0.22315
524134.22	4260230.3	0.019	0.016	0.03497
524149.22	4260230.3	0.023	0.018	0.04110
524164.22	4260230.3	0.027	0.022	0.04870
524179.22	4260230.3	0.032	0.026	0.05823
524194.22	4260230.3	0.039	0.032	0.07121
524209.22	4260230.3	0.049	0.040	0.08867
524224.22	4260230.3	0.061	0.050	0.11096
524239.22	4260230.3	0.077	0.063	0.13995
524254.22	4260230.3	0.099	0.080	0.17906
524269.22	4260230.3	0.128	0.104	0.23167
524134.22	4260245.3	0.021	0.017	0.03844
524149.22	4260245.3	0.025	0.020	0.04540
524164.22	4260245.3	0.030	0.024	0.05371
524179.22	4260245.3	0.035	0.029	0.06369
524194.22	4260245.3	0.043	0.035	0.07743
524209.22	4260245.3	0.053	0.043	0.09595
524224.22	4260245.3	0.066	0.054	0.11925
524239.22	4260245.3	0.082	0.067	0.14898
524254.22	4260245.3	0.103	0.084	0.18766
524269.22	4260245.3	0.131	0.107	0.23787
524134.22	4260260.3	0.023	0.019	0.04163
524149.22	4260260.3	0.027	0.022	0.04946
524164.22	4260260.3	0.032	0.026	0.05860
524179.22	4260260.3	0.038	0.031	0.06916
524194.22	4260260.3	0.046	0.037	0.08342
524209.22	4260260.3	0.056	0.046	0.10252
524224.22	4260260.3	0.070	0.057	0.12623
524239.22	4260260.3	0.086	0.070	0.15583
524254.22	4260260.3	0.106	0.087	0.19326
524269.22	4260260.3	0.132	0.108	0.24023
524134.22	4260275.3	0.024	0.020	0.04361
524149.22	4260275.3	0.029	0.024	0.05311
524164.22	4260275.3	0.035	0.028	0.06326
524179.22	4260275.3	0.041	0.034	0.07489
524194.22	4260275.3	0.049	0.040	0.08965
524209.22	4260275.3	0.060	0.049	0.10854
524224.22	4260275.3	0.073	0.059	0.13185
524239.22	4260275.3	0.088	0.072	0.16056
524254.22	4260275.3	0.108	0.088	0.19643
524269.22	4260275.3	0.132	0.108	0.24047
524134.22	4260290.3	0.025	0.020	0.04540
524149.22	4260290.3	0.031	0.025	0.05540
524164.22	4260290.3	0.037	0.030	0.06713
524179.22	4260290.3	0.044	0.036	0.07977
524194.22	4260290.3	0.052	0.043	0.09493
524209.22	4260290.3	0.062	0.051	0.11345
524224.22	4260290.3	0.075	0.061	0.13612
524239.22	4260290.3	0.090	0.073	0.16340
524254.22	4260290.3	0.109	0.089	0.19721
524269.22	4260290.3	0.131	0.107	0.23767
524134.22	4260305.3	0.026	0.021	0.04774
524149.22	4260305.3	0.032	0.026	0.05746
524164.22	4260305.3	0.039	0.032	0.07027
524179.22	4260305.3	0.046	0.038	0.08352
524194.22	4260305.3	0.055	0.045	0.09912
524209.22	4260305.3	0.065	0.053	0.11741
524224.22	4260305.3	0.077	0.063	0.13933
524239.22	4260305.3	0.091	0.074	0.16523
524254.22	4260305.3	0.108	0.088	0.19623
524269.22	4260305.3	0.128	0.104	0.23245
524134.22	4260320.3	0.027	0.022	0.04988
524149.22	4260320.3	0.033	0.027	0.05948
524164.22	4260320.3	0.040	0.032	0.07179
524179.22	4260320.3	0.047	0.039	0.08614
524194.22	4260320.3	0.056	0.046	0.10176
524209.22	4260320.3	0.066	0.054	0.11967
524224.22	4260320.3	0.077	0.063	0.14057
524239.22	4260320.3	0.091	0.074	0.16482
524254.22	4260320.3	0.106	0.087	0.19312
524269.22	4260320.3	0.124	0.101	0.22524
524134.22	4260335.3	0.029	0.023	0.05208
524149.22	4260335.3	0.034	0.028	0.06179
524164.22	4260335.3	0.041	0.033	0.07398
524179.22	4260335.3	0.048	0.040	0.08803
524194.22	4260335.3	0.057	0.046	0.10313
524209.22	4260335.3	0.066	0.054	0.12018
524224.22	4260335.3	0.077	0.063	0.13985
524239.22	4260335.3	0.089	0.073	0.16235
524254.22	4260335.3	0.104	0.085	0.18814
524269.22	4260335.3	0.120	0.098	0.21717
524134.22	4260350.3	0.030	0.024	0.05408
524149.22	4260350.3	0.035	0.029	0.06384
524164.22	4260350.3	0.042	0.034	0.07590
524179.22	4260350.3	0.049	0.040	0.08925
524194.22	4260350.3	0.057	0.047	0.10367
524209.22	4260350.3	0.066	0.054	0.11977
524224.22	4260350.3	0.076	0.062	0.13812
524239.22	4260350.3	0.088	0.071	0.15886
524254.22	4260350.3	0.100	0.082	0.18218
524269.22	4260350.3	0.115	0.093	0.20797
524204.65	4260012.52	0.011	0.009	0.02037
524203.43	4260005.01	0.011	0.009	0.01971
524204.65	4259997.73	0.011	0.009	0.01959
524204.4	4259988.28	0.011	0.009	0.01919
524189.13	4260004.28	0.010	0.008	0.01728
524189.37	4259993.85	0.009	0.008	0.01687
524190.83	4259982.7	0.009	0.007	0.01678
524246.78	4259946.49	0.016	0.013	0.02966
524255.34	4259929.66	0.018	0.014	0.03182
524250.49	4259937.65	0.017	0.014	0.03055
524232.52	4259935.94	0.014	0.011	0.02504
524220.54	4259937.94	0.012	0.010	0.02207
524212.55	4259949.92	0.011	0.009	0.02044
524206.28	4259957.62	0.011	0.009	0.01924
524199.43	4259957.05	0.010	0.008	0.01796
524188.31	4259954.48	0.009	0.007	0.01617
524196.86	4259946.49	0.010	0.008	0.01748
524203.71	4259947.63	0.010	0.008	0.01868
524199.43	4259934.8	0.010	0.008	0.01788
524206.56	4259925.1	0.011	0.009	0.01909
524213.12	4259917.68	0.011	0.009	0.02027
524241.93	4259920.25	0.015	0.012	0.02722
524215.97	4259907.7	0.011	0.009	0.02074
524221.11	4259892.3	0.012	0.010	0.02148
524238.79	4259898.86	0.014	0.011	0.02549
524238.79	4259907.98	0.014	0.012	0.02586
524237.37	4259884.59	0.014	0.011	0.02456
524214.83	4259881.17	0.011	0.009	0.02016
524203.14	4259873.47	0.010	0.008	0.01825
524198.29	4259867.19	0.010	0.008	0.01754
524232.8	4259867.19	0.013	0.010	0.02292
524233.09	4259857.5	0.012	0.010	0.02259
524235.66	4259852.36	0.013	0.010	0.02283
524239.65	4259845.51	0.013	0.010	0.02319
524243.93	4259834.68	0.013	0.010	0.02333
524250.49	4259823.84	0.013	0.011	0.02369
524243.64	4259822.12	0.012	0.010	0.02254
524232.8	4259816.13	0.011	0.009	0.02061
524225.1	4259826.4	0.011	0.009	0.02006
524218.26	4259836.67	0.011	0.009	0.01957
524210.55	4259846.94	0.010	0.008	0.01879
524202	4259857.5	0.010	0.008	0.01785
524265.77	4259728.17	0.010	0.008	0.01821
524273.47	4259713.63	0.010	0.008	0.01795
524276.89	4259698.51	0.010	0.008	0.01745
524260.92	4259693.94	0.009	0.007	0.01629
524251.79	4259711.06	0.009	0.007	0.01651
524250.65	4259723.04	0.009	0.007	0.01690
524265.2	4259620.63	0.008	0.006	0.01399
524284.88	4259588.39	0.008	0.006	0.01356
524305.71	4259554.73	0.008	0.006	0.01338
524315.12	4259565	0.008	0.006	0.01390
524303.99	4259604.08	0.008	0.007	0.01481
524638.04	4260127.68	0.096	0.078	0.17450
524645.94	4260114.25	0.083	0.068	0.15122
524647.12	4260105.17	0.080	0.065	0.14508
524662.52	4260077.53	0.060	0.049	0.10918
524692.14	4260053.84	0.041	0.034	0.07499
524752.55	4260050.68	0.027	0.022	0.04964
524338.94	4260404.55	0.129	0.105	0.23457
524441.43	4260403.88	0.141	0.115	0.25606
524538.99	4260369.97	0.090	0.073	0.16321
524566.4	4260356.96	0.081	0.066	0.14644
524530.17	4260389.94	0.086	0.070	0.15619
524498.28	4260239.21	0.479	0.391	0.87056
524477.41	4260262.98	0.467	0.381	0.84805
524494.8	4260256.02	0.423	0.345	0.76760
524515.67	4260222.4	0.442	0.361	0.80281
524519.73	4260238.63	0.362	0.295	0.65700
524519.15	4260249.06	0.331	0.270	0.60116
524529	4260210.8	0.408	0.333	0.74049
524535.38	4260221.82	0.346	0.283	0.62891
524534.22	4260237.47	0.307	0.250	0.55670
524546.97	4260196.89	0.344	0.281	0.62469
524546.97	4260211.38	0.317	0.259	0.57601
524549.87	4260224.14	0.282	0.230	0.51113
524560.3	4260187.04	0.300	0.245	0.54466
524569	4260203.85	0.245	0.200	0.44413
524580.01	4260180.66	0.235	0.191	0.42578
524580.01	4260198.05	0.220	0.179	0.39871
524588.13	4260163.27	0.217	0.177	0.39327
524598.57	4260182.98	0.181	0.148	0.32943
524596.25	4260169.64	0.190	0.155	0.34554

Maximum Caner Risk
0.9
BAAQMD threshold of significance
10
Exceed thresholds?
No

Oakmont Emerald Isle — **Ivy Mitigation**

Chronic Heat Cancer Hazard Index — **Jet Accident Recessions**

Reference Hammer Load (Big Dik Little) — 1, 1g/L1

Chair Jet Profit

Id	Jet	2018 Age Profit	2019 Age Profit	Max Age Profit	Cash	Interest Love Oak Mortgage Interest Significance Dental Pandemic Up
5/14/22	41.0000%	0.0000%	41.0000%	0.0000%		
5/14/22	40.0000%	0.0000%	40.0000%	0.0000%		
5/14/22	42.0000%	0.0000%	42.0000%	0.0000%		
5/14/22	43.0000%	0.0000%	43.0000%	0.0000%		
5/14/22	44.0000%	0.0000%	44.0000%	0.0000%		
5/14/22	45.0000%	0.0000%	45.0000%	0.0000%		
5/14/22	46.0000%	0.0000%	46.0000%	0.0000%		
5/14/22	47.0000%	0.0000%	47.0000%	0.0000%		
5/14/22	48.0000%	0.0000%	48.0000%	0.0000%		
5/14/22	49.0000%	0.0000%	49.0000%	0.0000%		
5/14/22	50.0000%	0.0000%	50.0000%	0.0000%		
5/14/22	51.0000%	0.0000%	51.0000%	0.0000%		
5/14/22	52.0000%	0.0000%	52.0000%	0.0000%		
5/14/22	53.0000%	0.0000%	53.0000%	0.0000%		
5/14/22	54.0000%	0.0000%	54.0000%	0.0000%		
5/14/22	55.0000%	0.0000%	55.0000%	0.0000%		
5/14/22	56.0000%	0.0000%	56.0000%	0.0000%		
5/14/22	57.0000%	0.0000%	57.0000%	0.0000%		
5/14/22	58.0000%	0.0000%	58.0000%	0.0000%		
5/14/22	59.0000%	0.0000%	59.0000%	0.0000%		
5/14/22	60.0000%	0.0000%	60.0000%	0.0000%		
5/14/22	61.0000%	0.0000%	61.0000%	0.0000%		
5/14/22	62.0000%	0.0000%	62.0000%	0.0000%		
5/14/22	63.0000%	0.0000%	63.0000%	0.0000%		
5/14/22	64.0000%	0.0000%	64.0000%	0.0000%		
5/14/22	65.0000%	0.0000%	65.0000%	0.0000%		
5/14/22	66.0000%	0.0000%	66.0000%	0.0000%		
5/14/22	67.0000%	0.0000%	67.0000%	0.0000%		
5/14/22	68.0000%	0.0000%	68.0000%	0.0000%		
5/14/22	69.0000%	0.0000%	69.0000%	0.0000%		
5/14/22	70.0000%	0.0000%	70.0000%	0.0000%		
5/14/22	71.0000%	0.0000%	71.0000%	0.0000%		
5/14/22	72.0000%	0.0000%	72.0000%	0.0000%		
5/14/22	73.0000%	0.0000%	73.0000%	0.0000%		
5/14/22	74.0000%	0.0000%	74.0000%	0.0000%		
5/14/22	75.0000%	0.0000%	75.0000%	0.0000%		
5/14/22	76.0000%	0.0000%	76.0000%	0.0000%		
5/14/22	77.0000%	0.0000%	77.0000%	0.0000%		
5/14/22	78.0000%	0.0000%	78.0000%	0.0000%		
5/14/22	79.0000%	0.0000%	79.0000%	0.0000%		
5/14/22	80.0000%	0.0000%	80.0000%	0.0000%		
5/14/22	81.0000%	0.0000%	81.0000%	0.0000%		
5/14/22	82.0000%	0.0000%	82.0000%	0.0000%		
5/14/22	83.0000%	0.0000%	83.0000%	0.0000%		
5/14/22	84.0000%	0.0000%	84.0000%	0.0000%		
5/14/22	85.0000%	0.0000%	85.0000%	0.0000%		
5/14/22	86.0000%	0.0000%	86.0000%	0.0000%		
5/14/22	87.0000%	0.0000%	87.0000%	0.0000%		
5/14/22	88.0000%	0.0000%	88.0000%	0.0000%		
5/14/22	89.0000%	0.0000%	89.0000%	0.0000%		
5/14/22	90.0000%	0.0000%	90.0000%	0.0000%		
5/14/22	91.0000%	0.0000%	91.0000%	0.0000%		
5/14/22	92.0000%	0.0000%	92.0000%	0.0000%		
5/14/22	93.0000%	0.0000%	93.0000%	0.0000%		
5/14/22	94.0000%	0.0000%	94.0000%	0.0000%		
5/14/22	95.0000%	0.0000%	95.0000%	0.0000%		
5/14/22	96.0000%	0.0000%	96.0000%	0.0000%		
5/14/22	97.0000%	0.0000%	97.0000%	0.0000%		
5/14/22	98.0000%	0.0000%	98.0000%	0.0000%		
5/14/22	99.0000%	0.0000%	99.0000%	0.0000%		
5/14/22	100.0000%	0.0000%	100.0000%	0.0000%		
5/14/22	101.0000%	0.0000%	101.0000%	0.0000%		
5/14/22	102.0000%	0.0000%	102.0000%	0.0000%		
5/14/22	103.0000%	0.0000%	103.0000%	0.0000%		
5/14/22	104.0000%	0.0000%	104.0000%	0.0000%		
5/14/22	105.0000%	0.0000%	105.0000%	0.0000%		
5/14/22	106.0000%	0.0000%	106.0000%	0.0000%		
5/14/22	107.0000%	0.0000%	107.0000%	0.0000%		
5/14/22	108.0000%	0.0000%	108.0000%	0.0000%		
5/14/22	109.0000%	0.0000%	109.0000%	0.0000%		
5/14/22	110.0000%	0.0000%	110.0000%	0.0000%		
5/14/22	111.0000%	0.0000%	111.0000%	0.0000%		
5/14/22	112.0000%	0.0000%	112.0000%	0.0000%		
5/14/22	113.0000%	0.0000%	113.0000%	0.0000%		
5/14/22	114.0000%	0.0000%	114.0000%	0.0000%		
5/14/22	115.0000%	0.0000%	115.0000%	0.0000%		
5/14/22	116.0000%	0.0000%	116.0000%	0.0000%		
5/14/22	117.0000%	0.0000%	117.0000%	0.0000%		
5/14/22	118.0000%	0.0000%	118.0000%	0.0000%		
5/14/22	119.0000%	0.0000%	119.0000%	0.0000%		
5/14/22	120.0000%	0.0000%	120.0000%	0.0000%		
5/14/22	121.0000%	0.0000%	121.0000%	0.0000%		
5/14/22	122.0000%	0.0000%	122.0000%	0.0000%		
5/14/22	123.0000%	0.0000%	123.0000%	0.0000%		
5/14/22	124.0000%	0.0000%	124.0000%	0.0000%		
5/14/22	125.0000%	0.0000%	125.0000%	0.0000%		
5/14/22	126.0000%	0.0000%	126.0000%	0.0000%		
5/14/22	127.0000%	0.0000%	127.0000%	0.0000%		
5/14/22	128.0000%	0.0000%	128.0000%	0.0000%		
5/14/22	129.0000%	0.0000%	129.0000%	0.0000%		
5/14/22	130.0000%	0.0000%	130.0000%	0.0000%		
5/14/22	131.0000%	0.0000%	131.0000%	0.0000%		
5/14/22	132.0000%	0.0000%	132.0000%	0.0000%		
5/14/22	133.0000%	0.0000%	133.0000%	0.0000%		
5/14/22	134.0000%	0.0000%	134.0000%	0.0000%		
5/14/22	135.0000%	0.0000%	135.0000%	0.0000%		
5/14/22	136.0000%	0.0000%	136.0000%	0.0000%		
5/14/22	137.0000%	0.0000%	137.0000%	0.0000%		
5/14/22	138.0000%	0.0000%	138.0000%	0.0000%		
5/14/22	139.0000%	0.0000%	139.0000%	0.0000%		
5/14/22	140.0000%	0.0000%	140.0000%	0.0000%		
5/14/22	141.0000%	0.0000%	141.0000%	0.0000%		
5/14/22	142.0000%	0.0000%	142.0000%	0.0000%		
5/14/22	143.0000%	0.0000%	143.0000%	0.0000%		
5/14/22	144.0000%	0.0000%	144.0000%	0.0000%		
5/14/22	145.0000%	0.0000%	145.0000%	0.0000%		
5/14/22	146.0000%	0.0000%	146.0000%	0.0000%		
5/14/22	147.0000%	0.0000%	147.0000%	0.0000%		
5/14/22	148.0000%	0.0000%	148.0000%	0.0000%		
5/14/22	149.0000%	0.0000%	149.0000%	0.0000%		
5/14/22	150.0000%	0.0000%	150.0000%	0.0000%		
5/14/22	151.0000%	0.0000%	151.0000%	0.0000%		
5/14/22	152.0000%	0.0000%	152.0000%	0.0000%		
5/14/22	153.0000%	0.0000%	153.0000%	0.0000%		
5/14/22	154.0000%	0.0000%	154.0000%	0.0000%		
5/14/22	155.0000%	0.0000%	155.0000%	0.0000%		
5/14/22	156.0000%	0.0000%	156.0000%	0.0000%		
5/14/22	157.0000%	0.0000%	157.0000%	0.0000%		
5/14/22	158.0000%	0.0000%	158.0000%	0.0000%		
5/14/22	159.0000%	0.0000%	159.0000%	0.0000%		
5/14/22	160.0000%	0.0000%	160.0000%	0.0000%		
5/14/22	161.0000%	0.0000%	161.0000%	0.0000%		
5/14/22	162.0000%	0.0000%	162.0000%	0.0000%		
5/14/22	163.0000%	0.0000%	163.0000%	0.0000%		
5/14/22	164.0000%	0.0000%	164.0000%	0.0000%		
5/14/22	165.0000%	0.0000%	165.0000%	0.0000%		
5/14/22	166.0000%	0.0000%	166.0000%	0.0000%		
5/14/22	167.0000%	0.0000%	167.0000%	0.0000%		
5/14/22	168.0000%	0.0000%	168.0000%	0.0000%		
5/14/22	169.0000%	0.0000%	169.0000%	0.0000%		
5/14/22	170.0000%	0.0000%	170.0000%	0.0000%		
5/14/22	171.0000%	0.0000%	171.0000%	0.0000%		
5/14/22	172.0000%	0.0000%	172.0000%	0.0000%		
5/14/22	173.0000%	0.0000%	173.0000%	0.0000%		
5/14/22	174.0000%	0.0000%	174.0000%	0.0000%		
5/14/22	175.0000%	0.0000%	175.0000%	0.0000%		
5/14/22	176.0000%	0.0000%	176.0000%	0.0000%		
5/14/22	177.0000%	0.0000%	177.0000%	0.0000%		
5/14/22	178.0000%	0.0000%	178.0000%	0.0000%		
5/14/22	179.0000%	0.0000%	179.0000%	0.0000%		
5/14/22	180.0000%	0.0000%	180.0000%	0.0000%		
5/14/22	181.0000%	0.0000%	181.0000%	0.0000%		
5/14/22	182.0000%	0.0000%	182.0000%	0.0000%		
5/14/22	183.0000%	0.0000%	183.0000%	0.0000%		
5/14/22	184.0000%	0.0000%	184.0000%	0.0000%		
5/14/22	185.0000%	0.0000%	185.0000%	0.0000%		
5/14/22	186.0000%	0.0000%	186.0000%	0.0000%		
5/14/22	187.0000%	0.0000%	187.0000%	0.0000%		
5/14/22	188.0000%	0.0000%	188.0000%	0.0000%		
5/14/22	189.0000%	0.0000%	189.0000%	0.0000%		
5/14/22	190.0000%	0.0000%	190.0000%	0.0000%		
5/14/22	191.0000%	0.0000%	191.0000%	0.0000%		
5/14/22	192.0000%	0.0000%	192.0000%	0.0000%		
5/14/22	193.0000%	0.0000%	193.0000%	0.0000%		
5/14/22	194.0000%	0.0000%	194.0000%	0.0000%		
5/14/22	195.0000%	0.0000%	195.0000%	0.0000%		
5/14/22	196.0000%	0.0000%	196.0000%	0.0000%		
5/14/22	197.0000%	0.0000%	197.0000%	0.0000%		
5/14/22	198.0000%	0.0000%	198.0000%	0.0000%		
5/14/22	199.0000%	0.0000%	199.0000%	0.0000%		
5/14/22	200.0000%	0.0000%	200.0000%	0.0000%		

Oakmont Emerald Isle

No Mitigation
at Sensitive Receptors

Annual Average PM2.5 (Exhaust + Fugitive Dust)

Maximum Caner Risk
0.2
BAAQMD threshold of significance
0.3
Exceed thresholds?
No

X (m)	Y (m)	2018 PM2.5 (ug/m3)	2019 PM2.5 (ug/m3)	Max PM2.5 (ug/m3)
524134.22	4260065.3	0.002817	0.00224	0.00282
524149.22	4260065.3	0.003228	0.002552	0.00323
524164.22	4260065.3	0.003641	0.002883	0.00364
524179.22	4260065.3	0.004118	0.003272	0.00412
524194.22	4260065.3	0.004711	0.003754	0.00471
524209.22	4260065.3	0.005459	0.004362	0.00546
524224.22	4260065.3	0.006425	0.005146	0.00642
524239.22	4260065.3	0.007707	0.006188	0.00771
524254.22	4260065.3	0.009451	0.007604	0.00945
524269.22	4260065.3	0.011883	0.009582	0.01188
524134.22	4260080.3	0.002976	0.002381	0.00298
524149.22	4260080.3	0.003385	0.002702	0.00338
524164.22	4260080.3	0.003845	0.003071	0.00384
524179.22	4260080.3	0.004383	0.003509	0.00438
524194.22	4260080.3	0.005049	0.004053	0.00505
524209.22	4260080.3	0.005896	0.004744	0.00590
524224.22	4260080.3	0.006995	0.005638	0.00699
524239.22	4260080.3	0.008464	0.006835	0.00846
524254.22	4260080.3	0.010486	0.008483	0.01049
524269.22	4260080.3	0.013375	0.010835	0.01337
524134.22	4260095.3	0.003159	0.002538	0.00316
524149.22	4260095.3	0.0036	0.002889	0.00360
524164.22	4260095.3	0.004114	0.003303	0.00411
524179.22	4260095.3	0.004735	0.00381	0.00474
524194.22	4260095.3	0.00551	0.004441	0.00551
524209.22	4260095.3	0.006498	0.005249	0.00650
524224.22	4260095.3	0.007793	0.006304	0.00779
524239.22	4260095.3	0.009536	0.007725	0.00954
524254.22	4260095.3	0.01196	0.009703	0.01196
524269.22	4260095.3	0.015492	0.012582	0.01549
524134.22	4260110.3	0.003361	0.002711	0.00336
524149.22	4260110.3	0.003843	0.003098	0.00384
524164.22	4260110.3	0.004436	0.003577	0.00444
524179.22	4260110.3	0.005162	0.004168	0.00516
524194.22	4260110.3	0.00608	0.004916	0.00608
524209.22	4260110.3	0.00726	0.005879	0.00726
524224.22	4260110.3	0.008817	0.007149	0.00882
524239.22	4260110.3	0.010934	0.008876	0.01093
524254.22	4260110.3	0.013909	0.011303	0.01391
524269.22	4260110.3	0.018259	0.01485	0.01826
524134.22	4260125.3	0.003588	0.002901	0.00359
524149.22	4260125.3	0.004129	0.003338	0.00413
524164.22	4260125.3	0.004804	0.003885	0.00480
524179.22	4260125.3	0.005654	0.004576	0.00565
524194.22	4260125.3	0.006742	0.005464	0.00674
524209.22	4260125.3	0.008162	0.006622	0.00816
524224.22	4260125.3	0.010045	0.008158	0.01005
524239.22	4260125.3	0.012632	0.010268	0.01263
524254.22	4260125.3	0.016292	0.013253	0.01629
524269.22	4260125.3	0.021677	0.017645	0.02168
524134.22	4260140.3	0.003837	0.003109	0.00384
524149.22	4260140.3	0.004445	0.003601	0.00445
524164.22	4260140.3	0.005221	0.004231	0.00522
524179.22	4260140.3	0.00621	0.005036	0.00621
524194.22	4260140.3	0.007492	0.006081	0.00749
524209.22	4260140.3	0.009187	0.007463	0.00919
524224.22	4260140.3	0.011459	0.009316	0.01146
524239.22	4260140.3	0.014604	0.011882	0.01460
524254.22	4260140.3	0.019059	0.015515	0.01906
524269.22	4260140.3	0.025633	0.020878	0.02563
524134.22	4260155.3	0.004119	0.003341	0.00412
524149.22	4260155.3	0.004787	0.003884	0.00479
524164.22	4260155.3	0.005669	0.004601	0.00567
524179.22	4260155.3	0.006815	0.005534	0.00681
524194.22	4260155.3	0.008281	0.00673	0.00828
524209.22	4260155.3	0.010228	0.008317	0.01023
524224.22	4260155.3	0.012916	0.010509	0.01292
524239.22	4260155.3	0.016691	0.013588	0.01669
524254.22	4260155.3	0.022027	0.01794	0.02203
524269.22	4260155.3	0.029868	0.024336	0.02987
524134.22	4260170.3	0.004451	0.003615	0.00445
524149.22	4260170.3	0.005196	0.00422	0.00520
524164.22	4260170.3	0.006185	0.005025	0.00619
524179.22	4260170.3	0.007488	0.006088	0.00749
524194.22	4260170.3	0.009163	0.007452	0.00916
524209.22	4260170.3	0.011368	0.00925	0.01137
524224.22	4260170.3	0.014479	0.011787	0.01448
524239.22	4260170.3	0.018866	0.015366	0.01887
524254.22	4260170.3	0.025061	0.020418	0.02506
524269.22	4260170.3	0.034134	0.027819	0.03413
524134.22	4260185.3	0.004904	0.003986	0.00490
524149.22	4260185.3	0.005742	0.004668	0.00574
524164.22	4260185.3	0.006837	0.00556	0.00684
524179.22	4260185.3	0.008271	0.006728	0.00827
524194.22	4260185.3	0.010171	0.008278	0.01017
524209.22	4260185.3	0.012711	0.010349	0.01271
524224.22	4260185.3	0.016178	0.013176	0.01618
524239.22	4260185.3	0.021031	0.017134	0.02103
524254.22	4260185.3	0.027864	0.022708	0.02786
524269.22	4260185.3	0.037832	0.030838	0.03783
524134.22	4260200.3	0.005438	0.004422	0.00544
524149.22	4260200.3	0.006386	0.005194	0.00639
524164.22	4260200.3	0.007596	0.00618	0.00760
524179.22	4260200.3	0.009157	0.007453	0.00916
524194.22	4260200.3	0.011273	0.009178	0.01127
524209.22	4260200.3	0.014144	0.011519	0.01414
524224.22	4260200.3	0.017946	0.014621	0.01795
524239.22	4260200.3	0.023152	0.018867	0.02315
524254.22	4260200.3	0.030452	0.02482	0.03045
524269.22	4260200.3	0.040968	0.033398	0.04097
524134.22	4260215.3	0.006115	0.004975	0.00611
524149.22	4260215.3	0.007175	0.005839	0.00718
524164.22	4260215.3	0.00852	0.006935	0.00852
524179.22	4260215.3	0.010238	0.008336	0.01024
524194.22	4260215.3	0.012576	0.010242	0.01258
524209.22	4260215.3	0.015713	0.012801	0.01571
524224.22	4260215.3	0.019833	0.016162	0.01983
524239.22	4260215.3	0.025289	0.020611	0.02529
524254.22	4260215.3	0.032855	0.026782	0.03285
524269.22	4260215.3	0.043411	0.035393	0.04341
524134.22	4260230.3	0.006808	0.005542	0.00681
524149.22	4260230.3	0.008	0.006514	0.00800
524164.22	4260230.3	0.00948	0.00772	0.00948
524179.22	4260230.3	0.011333	0.00923	0.01133
524194.22	4260230.3	0.013858	0.011289	0.01386
524209.22	4260230.3	0.017254	0.014059	0.01725
524224.22	4260230.3	0.021589	0.017595	0.02159
524239.22	4260230.3	0.027228	0.022195	0.02723
524254.22	4260230.3	0.034835	0.028399	0.03484
524269.22	4260230.3	0.045068	0.036746	0.04507
524134.22	4260245.3	0.007482	0.006093	0.00748
524149.22	4260245.3	0.008836	0.007196	0.00884
524164.22	4260245.3	0.010453	0.008514	0.01045
524179.22	4260245.3	0.012394	0.010097	0.01239
524194.22	4260245.3	0.015067	0.012277	0.01507
524209.22	4260245.3	0.018669	0.015214	0.01867
524224.22	4260245.3	0.023202	0.018911	0.02320
524239.22	4260245.3	0.028984	0.023629	0.02898
524254.22	4260245.3	0.036508	0.029765	0.03651
524269.22	4260245.3	0.046273	0.03773	0.04627
524134.22	4260260.3	0.008103	0.0066	0.00810
524149.22	4260260.3	0.009625	0.007841	0.00963
524164.22	4260260.3	0.011404	0.009291	0.01140
524179.22	4260260.3	0.013458	0.010966	0.01346
524194.22	4260260.3	0.016232	0.013228	0.01623
524209.22	4260260.3	0.019946	0.016258	0.01995
524224.22	4260260.3	0.024558	0.020019	0.02456
524239.22	4260260.3	0.030315	0.024715	0.03032
524254.22	4260260.3	0.037596	0.030653	0.03760
524269.22	4260260.3	0.046731	0.038104	0.04673
524134.22	4260275.3	0.008487	0.006914	0.00849
524149.22	4260275.3	0.010335	0.008421	0.01033
524164.22	4260275.3	0.01231	0.010031	0.01231
524179.22	4260275.3	0.014572	0.011875	0.01457
524194.22	4260275.3	0.017442	0.014217	0.01744
524209.22	4260275.3	0.021118	0.017214	0.02112
524224.22	4260275.3	0.025651	0.020912	0.02565
524239.22	4260275.3	0.031235	0.025466	0.03124
524254.22	4260275.3	0.038212	0.031157	0.03821
524269.22	4260275.3	0.046778	0.038143	0.04678
524134.22	4260290.3	0.008835	0.007199	0.00883
524149.22	4260290.3	0.01078	0.008785	0.01078
524164.22	4260290.3	0.013062	0.010646	0.01306
524179.22	4260290.3	0.015521	0.012651	0.01552
524194.22	4260290.3	0.01847	0.015055	0.01847
524209.22	4260290.3	0.022072	0.017993	0.02207
524224.22	4260290.3	0.026481	0.02159	0.02648
524239.22	4260290.3	0.031787	0.025917	0.03179
524254.22	4260290.3	0.038363	0.031281	0.03836
524269.22	4260290.3	0.046233	0.037699	0.04623
524134.22	4260305.3	0.009289	0.00757	0.00929
524149.22	4260305.3	0.011181	0.009112	0.01118
524164.22	4260305.3	0.013672	0.011144	0.01367
524179.22	4260305.3	0.01625	0.013246	0.01625
524194.22	4260305.3	0.019283	0.01572	0.01928
524209.22	4260305.3	0.022841	0.018622	0.02284
524224.22	4260305.3	0.027106	0.0221	0.02711
524239.22	4260305.3	0.032143	0.026208	0.03214
524254.22	4260305.3	0.038173	0.031127	0.03817
524269.22	4260305.3	0.045217	0.036872	0.04522
524134.22	4260320.3	0.009705	0.00791	0.00971
524149.22	4260320.3	0.011573	0.009433	0.01157
524164.22	4260320.3	0.013967	0.011385	0.01397
524179.22	4260320.3	0.016759	0.013662	0.01676
524194.22	4260320.3	0.019796	0.016139	0.01980
524209.22	4260320.3	0.023281	0.018981	0.02328
524224.22	4260320.3	0.027346	0.022296	0.02735
524239.22	4260320.3	0.032064	0.026144	0.03206
524254.22	4260320.3	0.037567	0.030633	0.03757
524269.22	4260320.3	0.043814	0.035728	0.04381
524134.22	4260335.3	0.010132	0.008259	0.01013
524149.22	4260335.3	0.012021	0.009798	0.01202
524164.22	4260335.3	0.014393	0.011733	0.01439
524179.22	4260335.3	0.017127	0.013962	0.01713
524194.22	4260335.3	0.020064	0.016358	0.02006
524209.22	4260335.3	0.02338	0.019062	0.02338
524224.22	4260335.3	0.027207	0.022183	0.02721
524239.22	4260335.3	0.031581	0.025751	0.03158
524254.22	4260335.3	0.036598	0.029843	0.03660
524269.22	4260335.3	0.042245	0.034449	0.04225
524134.22	4260350.3	0.010522	0.008577	0.01052
524149.22	4260350.3	0.01242	0.010125	0.01242
524164.22	4260350.3	0.014767	0.012038	0.01477
524179.22	4260350.3	0.017363	0.014155	0.01736
524194.22	4260350.3	0.020168	0.016443	0.02017
524209.22	4260350.3	0.0233	0.018998	0.02330
524224.22	4260350.3	0.026868	0.021908	0.02687
524239.22	4260350.3	0.030902	0.025198	0.03090
524254.22	4260350.3	0.035439	0.028898	0.03544
524269.22	4260350.3	0.040455	0.032989	0.04045
524204.65	4260012.52	0.003989	0.003206	0.00399
524203.43	4260005.01	0.003859	0.003102	0.00386
524204.65	4259997.73	0.003834	0.003085	0.00383
524204.4	4259988.28	0.003754	0.003023	0.00375
524189.13	4260004.28	0.00339	0.002712	0.00339
524189.37	4259993.85	0.003308	0.002649	0.00331
524190.83	4259982.7	0.00329	0.002637	0.00329
524246.78	4259946.49	0.005782	0.004693	0.00578
524255.34	4259929.66	0.006202	0.005037	0.00620
524250.49	4259937.65	0.005955	0.004835	0.00596
524232.52	4259935.94	0.004884	0.003958	0.00488
524220.54	4259937.94	0.004308	0.003485	0.00431
524212.55	4259949.92	0.003992	0.003225	0.00399
524206.28	4259957.62	0.003761	0.003032	0.00376
524199.43	4259957.05	0.003514	0.002828	0.00351
524188.31	4259954.48	0.00317	0.002539	0.00317
524196.86	4259946.49	0.003422	0.002751	0.00342
524203.71	4259947.63	0.003653	0.002943	0.00365
524199.43	4259934.8	0.003498	0.002815	0.00350
524206.56	4259925.1	0.003732	0.003009	0.00373
524213.12	4259917.68	0.00396	0.003198	0.00396
524241.93	4259920.25	0.005306	0.004305	0.00531
524215.97	4259907.7	0.00405	0.003273	0.00405
524221.11	4259892.3	0.004194	0.003392	0.00419
524238.79	4259898.86	0.004971	0.004031	0.00497
524238.79	4259907.98	0.005043	0.00409	0.00504
524237.37	4259884.59	0.004791	0.003883	0.00479
524214.83	4259881.17	0.00394	0.003181	0.00394
524203.14	4259873.47	0.003572	0.002874	0.00357
524198.29	4259867.19	0.003435	0.002758	0.00344
524232.8	4259867.19	0.004474	0.003622	0.00447
524233.09	4259857.5	0.004408	0.003568	0.00441
524235.66	4259852.36	0.004455	0.003606	0.00445
524239.65	4259845.51	0.004524	0.003664	0.00452
524243.93	4259834.68	0.004552	0.003686	0.00455
524250.49	4259823.84	0.004621	0.003744	0.00462
524243.64	4259822.12	0.004399	0.00356	0.00440
524232.8	4259816.13	0.004026	0.003252	0.00403
524225.1	4259826.4	0.003919	0.003163	0.00392
524218.26	4259836.67	0.003827	0.003086	0.00383
524210.55	4259846.94	0.003675	0.00296	0.00368
524202	4259857.5	0.003496	0.002809	0.00350
524265.77	4259728.17	0.003565	0.002864	0.00357
524273.47	4259713.63	0.003516	0.002824	0.00352
524276.89	4259698.51	0.003418	0.002744	0.00342
524260.92	4259693.94	0.003207	0.002547	0.00321
524251.79	4259711.06	0.003252	0.002577	0.00325
524250.65	4259723.04	0.003324	0.002645	0.00332
524265.2	4259620.63	0.002773	0.002166	0.00277
524284.88	4259588.39	0.002683	0.002105	0.00268
524305.71	4259554.73	0.002651	0.002073	0.00265
524315.12	4259565	0.002737	0.002172	0.00274
524303.99	4259604.08	0.002906	0.002323	0.00291
524638.04	4260127.68	0.033941	0.027681	0.03394
524645.94	4260114.25	0.029415	0.023989	0.02941
524647.12	4260105.17	0.02822	0.023015	0.02822
524662.52	4260077.53	0.021237	0.01732	0.02124
524692.14	4260053.84	0.014588	0.011896	0.01459
524752.55	4260050.68	0.009655	0.007874	0.00965
524338.94	4260404.55	0.045627	0.03721	0.04563
524441.43	4260403.88	0.049807	0.040621	0.04981
524538.99	4260369.97	0.031746	0.02589	0.03175
524566.4	4260356.96	0.028485	0.023231	0.02849
524530.17	4260389.94	0.030382	0.024778	0.03038
524498.28	4260239.21	0.169331	0.138106	0.16933
524477.41	4260262.98	0.164954	0.134535	0.16495
524494.8	4260256.02	0.149304	0.121771	0.14930
524515.67	4260222.4	0.156154	0.127358	0.15615
524519.73	4260238.63	0.127792	0.104226	0.12779
524519.15	4260249.06	0.11693	0.095367	0.11693
524529	4260210.8	0.144032	0.117471	0.14403
524535.38	4260221.82	0.122328	0.09977	0.12233
524534.22	4260237.47	0.108283	0.088315	0.10828
524546.97	4260196.89	0.121507	0.0991	0.12151
524546.97	4260211.38	0.112039	0.091378	0.11204
524549.87	4260224.14	0.09942	0.081086	0.09942
524560.3	4260187.04	0.10594	0.086404	0.10594
524569	4260203.85	0.086387	0.070456	0.08639
524580.01	4260180.66	0.082818	0.067545	0.08282
524580.01	4260198.05	0.077552	0.06325	0.07755
524588.13	4260163.27	0.076494	0.062387	0.07649
524598.57	4260182.98	0.064077	0.05226	0.06408
524596.25	4260169.64	0.067211	0.054816	0.06721

Oakmont Emerald Isle

Tier III

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Construction Scheduling	**2018**		
	8	hours/day	
	5	days/week	
	43	weeks/year	*start from 3/1/2018
	1720	hours/year	

Onsite Construction Area Source Size (m2): 20898.3 from AERMOD

Onsite Construction PM2.5 Emissions

2018

Construction Activity	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
Site Preparation	2.370E-03	3.475E-04	1.663E-08
Grading	1.700E-02	2.493E-03	1.193E-07
Underground Utilities	1.180E-02	1.730E-03	8.280E-08
Building Construction	6.910E-02	1.013E-02	4.849E-07
Total	**1.003E-01**	**1.470E-02**	**7.036E-07**

Offsite Construction Vehicle PM2.5 Emissions

2018

Construction Activity	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
Site Preparation	0.000E+00	0.000E+00	0.000E+00	
Grading	3.310E-03	0.000E+00	2.000E-05	
Underground Utilities	0.000E+00	0.000E+00	2.000E-05	
Building Construction	0.000E+00	4.500E-04	5.800E-04	
Total (tons/year)	**3.310E-03**	**4.500E-04**	**6.200E-04**	**4.380E-03**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Along Roadway Segment Project>RRBC>US101 (mi)	0.77	0.77	0.77	
Offsite Project Emissions Along Roadway Segment Project>RRBC>US101 (tons/year)	**1.277E-04**	**4.758E-05**	**4.431E-05**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	**2.196E-04**
Total Offsite Project Exhaust Emissions (grams/sec)	**3.220E-05**

Onsite Exhaust Emissions (tons/year)	**1.003E-01**
Total Onsite Emissions (tons/year)	**1.003E-01**
Onsite Exhaust Emissions (g/m2-sec)	**7.036E-07**

Total PM@2.5 Exhaust (tons/year)	1.005E-01

Oakmont Emerald Isle

Tier III

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Construction Scheduling **2019**

8 hours/day
5 days/week **end at May 3, 2019
17 weeks/year
680 hours/year

Onsite Construction Area Source Size (m2): 20898.30

Onsite Construction PM2.5 Emissions

2019	Onsite	Onsite	Onsite DPM
Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
Building Construction	3.560E-02	1.320E-02	6.318E-07
Paving	4.900E-03	1.817E-03	8.697E-08
Architectural Coating	8.600E-04	3.190E-04	1.526E-08
Total	**4.136E-02**	**1.534E-02**	**7.341E-07**

Offsite Construction Vehicle PM2.5 Emissions

2019	Offsite Hauling	Offsite Vendor	Offsite Workers
	Annual DPM	**Annual DPM**	**Annual DPM**
Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**
	(tons/year)	**(tons/year)**	**(tons/year)**
Building Construction	0.000E+00	1.900E-04	2.900E-04
Paving	0.000E+00	0.000E+00	2.000E-05
Architectural Coating	0.000E+00	0.000E+00	7.000E-05
Total (tons/year)	**0.000E+00**	**1.900E-04**	**3.800E-04**

5.700E-04

Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8
Offsite Project Trip Distance Project>Dry Creek Road>US101 (mi)	0.77	0.77	0.77
Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**2.009E-05**	**2.716E-05**

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**4.724E-05**
Offsite Project Exhaust Emissions (grams/sec)	**1.752E-05**
Offsite Project Fugitive Emissions (tons/year)	**0.000E+00**
Offsite Project Fugitive Emissions (grams/sec)	**0.000E+00**

Onsite Exhaust Emissions (tons/year)	**4.136E-02**
Total Onsite Emissions (tons/year)	**4.136E-02**
Onsite Exhaust Emissions (g/m2-sec)	**7.341E-07**

Total PM@2.5 Exhaust (tons/year)	4.141E-02
Total PM2.5 (tons/year)	**4.141E-02**

Oakmont Emerald Isle

2018 **Tier III** **At Sensitive Receptors**

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Annual Average Onsite DPM Exhaust Emission Rate: 7.03582E-07
Annual Average Offsite DPM Exhaust Emission Rate: 3.22045E-05

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
524134.22	4260065.3	0.21757	0.00153	0.00066	2.12550E-04	0.00174
524149.22	4260065.3	0.24485	0.00172	0.00092	2.96282E-04	0.00202
524164.22	4260065.3	0.27751	0.00195	0.00099	3.18825E-04	0.00227
524179.22	4260065.3	0.3173	0.00223	0.00099	3.18825E-04	0.00255
524194.22	4260065.3	0.36632	0.00258	0.00101	3.25266E-04	0.00290
524209.22	4260065.3	0.428	0.00301	0.00104	3.34927E-04	0.00335
524224.22	4260065.3	0.50755	0.00357	0.00108	3.47809E-04	0.00392
524239.22	4260065.3	0.61335	0.00432	0.00113	3.63911E-04	0.00468
524254.22	4260065.3	0.75734	0.00533	0.00119	3.83234E-04	0.00571
524269.22	4260065.3	0.95864	0.00674	0.00126	4.05777E-04	0.00715
524134.22	4260080.3	0.23428	0.00165	0.00053	1.70684E-04	0.00182
524149.22	4260080.3	0.26466	0.00186	0.00067	2.15770E-04	0.00208
524164.22	4260080.3	0.3012	0.00212	0.00074	2.38313E-04	0.00236
524179.22	4260080.3	0.34591	0.00243	0.00075	2.41534E-04	0.00268
524194.22	4260080.3	0.40157	0.00283	0.00075	2.41534E-04	0.00307
524209.22	4260080.3	0.47231	0.00332	0.00075	2.41534E-04	0.00356
524224.22	4260080.3	0.56376	0.00397	0.00076	2.44754E-04	0.00421
524239.22	4260080.3	0.68592	0.00483	0.00078	2.51195E-04	0.00508
524254.22	4260080.3	0.85432	0.00601	0.00080	2.57636E-04	0.00627
524269.22	4260080.3	1.09449	0.00770	0.00084	2.70518E-04	0.00797
524134.22	4260095.3	0.25205	0.00177	0.00044	1.41700E-04	0.00192
524149.22	4260095.3	0.28615	0.00201	0.00054	1.73904E-04	0.00219
524164.22	4260095.3	0.3277	0.00231	0.00059	1.90007E-04	0.00250
524179.22	4260095.3	0.37935	0.00267	0.00060	1.93227E-04	0.00286
524194.22	4260095.3	0.44405	0.00312	0.00060	1.93227E-04	0.00332
524209.22	4260095.3	0.52689	0.00371	0.00059	1.90007E-04	0.00390
524224.22	4260095.3	0.63499	0.00447	0.00059	1.90007E-04	0.00466
524239.22	4260095.3	0.78033	0.00549	0.00060	1.93227E-04	0.00568
524254.22	4260095.3	0.98282	0.00691	0.00060	1.93227E-04	0.00711
524269.22	4260095.3	1.27749	0.00899	0.00061	1.96448E-04	0.00918
524134.22	4260110.3	0.27129	0.00191	0.00035	1.12716E-04	0.00202
524149.22	4260110.3	0.30966	0.00218	0.00042	1.35259E-04	0.00231
524164.22	4260110.3	0.35784	0.00252	0.00047	1.51361E-04	0.00267
524179.22	4260110.3	0.418	0.00294	0.00049	1.57802E-04	0.00310
524194.22	4260110.3	0.49461	0.00348	0.00049	1.57802E-04	0.00364
524209.22	4260110.3	0.59345	0.00418	0.00048	1.54582E-04	0.00433
524224.22	4260110.3	0.72351	0.00509	0.00048	1.54582E-04	0.00525
524239.22	4260110.3	0.90031	0.00633	0.00048	1.54582E-04	0.00649
524254.22	4260110.3	1.14882	0.00808	0.00048	1.54582E-04	0.00824
524269.22	4260110.3	1.51209	0.01064	0.00048	1.54582E-04	0.01079
524134.22	4260125.3	0.29185	0.00205	0.00029	9.33931E-05	0.00215
524149.22	4260125.3	0.33572	0.00236	0.00034	1.09495E-04	0.00247
524164.22	4260125.3	0.391	0.00275	0.00038	1.22377E-04	0.00287
524179.22	4260125.3	0.46144	0.00325	0.00040	1.28818E-04	0.00338
524194.22	4260125.3	0.55233	0.00389	0.00040	1.28818E-04	0.00401
524209.22	4260125.3	0.67098	0.00472	0.00040	1.28818E-04	0.00485
524224.22	4260125.3	0.82823	0.00583	0.00040	1.28818E-04	0.00596
524239.22	4260125.3	1.04426	0.00735	0.00040	1.28818E-04	0.00748
524254.22	4260125.3	1.34996	0.00950	0.00040	1.28818E-04	0.00963
524269.22	4260125.3	1.79972	0.01266	0.00040	1.28818E-04	0.01279
524134.22	4260140.3	0.31406	0.00221	0.00024	7.72908E-05	0.00229
524149.22	4260140.3	0.36374	0.00256	0.00028	9.01726E-05	0.00265
524164.22	4260140.3	0.42771	0.00301	0.00031	9.98340E-05	0.00311
524179.22	4260140.3	0.50983	0.00359	0.00033	1.06275E-04	0.00369
524194.22	4260140.3	0.61661	0.00434	0.00034	1.09495E-04	0.00445
524209.22	4260140.3	0.75814	0.00533	0.00034	1.09495E-04	0.00544
524224.22	4260140.3	0.9479	0.00667	0.00034	1.09495E-04	0.00678
524239.22	4260140.3	1.21063	0.00852	0.00034	1.09495E-04	0.00863
524254.22	4260140.3	1.58271	0.01114	0.00034	1.09495E-04	0.01125
524269.22	4260140.3	2.13206	0.01500	0.00033	1.06275E-04	0.01511
524134.22	4260155.3	0.33839	0.00238	0.00021	6.76295E-05	0.00245
524149.22	4260155.3	0.39363	0.00277	0.00023	7.40704E-05	0.00284
524164.22	4260155.3	0.46649	0.00328	0.00026	8.37317E-05	0.00337
524179.22	4260155.3	0.5619	0.00395	0.00027	8.69522E-05	0.00404
524194.22	4260155.3	0.68411	0.00481	0.00028	9.01726E-05	0.00490
524209.22	4260155.3	0.84649	0.00596	0.00029	9.33931E-05	0.00605
524224.22	4260155.3	1.07098	0.00754	0.00029	9.33931E-05	0.00763
524239.22	4260155.3	1.38626	0.00975	0.00029	9.33931E-05	0.00985
524254.22	4260155.3	1.83195	0.01289	0.00029	9.33931E-05	0.01298
524269.22	4260155.3	2.48712	0.01750	0.00028	9.01726E-05	0.01759
524134.22	4260170.3	0.36692	0.00258	0.00018	5.79681E-05	0.00264
524149.22	4260170.3	0.42859	0.00302	0.00020	6.44090E-05	0.00308
524164.22	4260170.3	0.51067	0.00359	0.00022	7.08499E-05	0.00366
524179.22	4260170.3	0.61926	0.00436	0.00023	7.40704E-05	0.00443
524194.22	4260170.3	0.75885	0.00534	0.00024	7.72908E-05	0.00542
524209.22	4260170.3	0.94274	0.00663	0.00025	8.05113E-05	0.00671
524224.22	4260170.3	1.20257	0.00846	0.00025	8.05113E-05	0.00854
524239.22	4260170.3	1.56904	0.01104	0.00025	8.05113E-05	0.01112
524254.22	4260170.3	2.08643	0.01468	0.00025	8.05113E-05	0.01476
524269.22	4260170.3	2.8445	0.02001	0.00024	7.72908E-05	0.02009
524134.22	4260185.3	0.4053	0.00285	0.00016	5.15272E-05	0.00290
524149.22	4260185.3	0.47478	0.00334	0.00018	5.79681E-05	0.00340
524164.22	4260185.3	0.56596	0.00398	0.00019	6.11886E-05	0.00404
524179.22	4260185.3	0.6854	0.00482	0.00020	6.44090E-05	0.00489
524194.22	4260185.3	0.84389	0.00594	0.00021	6.76295E-05	0.00601
524209.22	4260185.3	1.05598	0.00743	0.00021	6.76295E-05	0.00750
524224.22	4260185.3	1.34529	0.00947	0.00022	7.08499E-05	0.00954
524239.22	4260185.3	1.7506	0.01232	0.00022	7.08499E-05	0.01239
524254.22	4260185.3	2.32158	0.01633	0.00021	6.76295E-05	0.01640
524269.22	4260185.3	3.15415	0.02219	0.00021	6.76295E-05	0.02226
524134.22	4260200.3	0.45017	0.00317	0.00015	4.83068E-05	0.00322
524149.22	4260200.3	0.52905	0.00372	0.00016	5.15272E-05	0.00377
524164.22	4260200.3	0.62984	0.00443	0.00017	5.47477E-05	0.00449
524179.22	4260200.3	0.75995	0.00535	0.00018	5.79681E-05	0.00540
524194.22	4260200.3	0.93641	0.00659	0.00019	6.11886E-05	0.00665
524209.22	4260200.3	1.17623	0.00828	0.00019	6.11886E-05	0.00834
524224.22	4260200.3	1.49381	0.01051	0.00019	6.11886E-05	0.01057
524239.22	4260200.3	1.9286	0.01357	0.00019	6.11886E-05	0.01363
524254.22	4260200.3	2.5383	0.01786	0.00019	6.11886E-05	0.01792
524269.22	4260200.3	3.41685	0.02404	0.00018	5.79681E-05	0.02410
524134.22	4260215.3	0.50696	0.00357	0.00014	4.50863E-05	0.00361
524149.22	4260215.3	0.59524	0.00419	0.00015	4.83068E-05	0.00424
524164.22	4260215.3	0.70733	0.00498	0.00016	5.15272E-05	0.00503
524179.22	4260215.3	0.85081	0.00599	0.00016	5.15272E-05	0.00604
524194.22	4260215.3	1.04578	0.00736	0.00017	5.47477E-05	0.00741
524209.22	4260215.3	1.30779	0.00920	0.00017	5.47477E-05	0.00926
524224.22	4260215.3	1.65196	0.01162	0.00017	5.47477E-05	0.01168
524239.22	4260215.3	2.10761	0.01483	0.00017	5.47477E-05	0.01488
524254.22	4260215.3	2.73953	0.01927	0.00017	5.47477E-05	0.01933
524269.22	4260215.3	3.62148	0.02548	0.00016	5.15272E-05	0.02553
524134.22	4260230.3	0.56541	0.00398	0.00012	3.86454E-05	0.00402
524149.22	4260230.3	0.66468	0.00468	0.00013	4.18659E-05	0.00472
524164.22	4260230.3	0.78803	0.00554	0.00014	4.50863E-05	0.00559
524179.22	4260230.3	0.94253	0.00663	0.00015	4.83068E-05	0.00668
524194.22	4260230.3	1.15338	0.00811	0.00015	4.83068E-05	0.00816
524209.22	4260230.3	1.43703	0.01011	0.00015	4.83068E-05	0.01016
524224.22	4260230.3	1.7991	0.01266	0.00015	4.83068E-05	0.01271
524239.22	4260230.3	2.27011	0.01597	0.00015	4.83068E-05	0.01602
524254.22	4260230.3	2.90549	0.02044	0.00015	4.83068E-05	0.02049
524269.22	4260230.3	3.76042	0.02646	0.00014	4.50863E-05	0.02650
524134.22	4260245.3	0.62194	0.00438	0.00011	3.54250E-05	0.00441
524149.22	4260245.3	0.73478	0.00517	0.00012	3.86454E-05	0.00521
524164.22	4260245.3	0.86958	0.00612	0.00013	4.18659E-05	0.00616
524179.22	4260245.3	1.03166	0.00726	0.00013	4.18659E-05	0.00730
524194.22	4260245.3	1.25467	0.00883	0.00014	4.50863E-05	0.00887
524209.22	4260245.3	1.55549	0.01094	0.00014	4.50863E-05	0.01099
524224.22	4260245.3	1.93407	0.01361	0.00014	4.50863E-05	0.01365
524239.22	4260245.3	2.41734	0.01701	0.00013	4.18659E-05	0.01705
524254.22	4260245.3	3.04572	0.02143	0.00013	4.18659E-05	0.02147
524269.22	4260245.3	3.86134	0.02717	0.00013	4.18659E-05	0.02721
524134.22	4260260.3	0.67408	0.00474	0.00010	3.22045E-05	0.00477
524149.22	4260260.3	0.80097	0.00564	0.00011	3.54250E-05	0.00567
524164.22	4260260.3	0.94951	0.00668	0.00011	3.54250E-05	0.00672
524179.22	4260260.3	1.12084	0.00789	0.00012	3.86454E-05	0.00792
524194.22	4260260.3	1.35248	0.00952	0.00012	3.86454E-05	0.00955
524209.22	4260260.3	1.66274	0.01170	0.00012	3.86454E-05	0.01174
524224.22	4260260.3	2.04791	0.01441	0.00012	3.86454E-05	0.01445
524239.22	4260260.3	2.52877	0.01779	0.00012	3.86454E-05	0.01783
524254.22	4260260.3	3.13684	0.02207	0.00012	3.86454E-05	0.02211
524269.22	4260260.3	3.89985	0.02744	0.00012	3.86454E-05	0.02748
524134.22	4260275.3	0.70639	0.00497	0.00009	2.89841E-05	0.00500
524149.22	4260275.3	0.8605	0.00605	0.00010	3.22045E-05	0.00609
524164.22	4260275.3	1.02545	0.00721	0.00010	3.22045E-05	0.00725
524179.22	4260275.3	1.21412	0.00854	0.00011	3.54250E-05	0.00858
524194.22	4260275.3	1.45385	0.01023	0.00011	3.54250E-05	0.01026
524209.22	4260275.3	1.76083	0.01239	0.00011	3.54250E-05	0.01242
524224.22	4260275.3	2.13949	0.01505	0.00011	3.54250E-05	0.01509
524239.22	4260275.3	2.60587	0.01833	0.00011	3.54250E-05	0.01837
524254.22	4260275.3	3.1886	0.02243	0.00011	3.54250E-05	0.02247
524269.22	4260275.3	3.90406	0.02747	0.00011	3.54250E-05	0.02750
524134.22	4260290.3	0.73573	0.00518	0.00008	2.57636E-05	0.00520
524149.22	4260290.3	0.89797	0.00632	0.00009	2.89841E-05	0.00635
524164.22	4260290.3	1.08855	0.00766	0.00009	2.89841E-05	0.00769
524179.22	4260290.3	1.29367	0.00910	0.00010	3.22045E-05	0.00913
524194.22	4260290.3	1.53994	0.01083	0.00010	3.22045E-05	0.01087
524209.22	4260290.3	1.84078	0.01295	0.00010	3.22045E-05	0.01298
524224.22	4260290.3	2.20907	0.01554	0.00010	3.22045E-05	0.01557
524239.22	4260290.3	2.65222	0.01866	0.00010	3.22045E-05	0.01869
524254.22	4260290.3	3.2015	0.02253	0.00010	3.22045E-05	0.02256
524269.22	4260290.3	3.85874	0.02715	0.00010	3.22045E-05	0.02718
524134.22	4260305.3	0.77393	0.00545	0.00007	2.25432E-05	0.00547
524149.22	4260305.3	0.93169	0.00656	0.00008	2.57636E-05	0.00658
524164.22	4260305.3	1.13973	0.00802	0.00008	2.57636E-05	0.00804
524179.22	4260305.3	1.35485	0.00953	0.00009	2.89841E-05	0.00956
524194.22	4260305.3	1.60817	0.01131	0.00009	2.89841E-05	0.01134
524209.22	4260305.3	1.90533	0.01341	0.00009	2.89841E-05	0.01343
524224.22	4260305.3	2.2615	0.01591	0.00009	2.89841E-05	0.01594
524239.22	4260305.3	2.6822	0.01887	0.00009	2.89841E-05	0.01890
524254.22	4260305.3	3.18586	0.02242	0.00009	2.89841E-05	0.02244
524269.22	4260305.3	3.77418	0.02655	0.00009	2.89841E-05	0.02658
524134.22	4260320.3	0.80873	0.00569	0.00007	2.25432E-05	0.00571
524149.22	4260320.3	0.96475	0.00679	0.00007	2.25432E-05	0.00681
524164.22	4260320.3	1.16443	0.00819	0.00008	2.57636E-05	0.00822
524179.22	4260320.3	1.39759	0.00983	0.00008	2.57636E-05	0.00986
524194.22	4260320.3	1.65125	0.01162	0.00008	2.57636E-05	0.01164
524209.22	4260320.3	1.94208	0.01366	0.00009	2.89841E-05	0.01369
524224.22	4260320.3	2.28161	0.01605	0.00009	2.89841E-05	0.01608
524239.22	4260320.3	2.6756	0.01883	0.00009	2.89841E-05	0.01885
524254.22	4260320.3	3.13548	0.02206	0.00008	2.57636E-05	0.02209
524269.22	4260320.3	3.65724	0.02573	0.00008	2.57636E-05	0.02576
524134.22	4260335.3	0.84466	0.00594	0.00006	1.93227E-05	0.00596
524149.22	4260335.3	1.00213	0.00705	0.00007	2.25432E-05	0.00707
524164.22	4260335.3	1.20024	0.00844	0.00007	2.25432E-05	0.00847
524179.22	4260335.3	1.42832	0.01005	0.00008	2.57636E-05	0.01008
524194.22	4260335.3	1.67364	0.01178	0.00008	2.57636E-05	0.01180
524209.22	4260335.3	1.95057	0.01372	0.00008	2.57636E-05	0.01375
524224.22	4260335.3	2.27019	0.01597	0.00008	2.57636E-05	0.01600
524239.22	4260335.3	2.63556	0.01854	0.00008	2.57636E-05	0.01857
524254.22	4260335.3	3.05462	0.02149	0.00008	2.57636E-05	0.02152
524269.22	4260335.3	3.52627	0.02481	0.00008	2.57636E-05	0.02484
524134.22	4260350.3	0.8772	0.00617	0.00006	1.93227E-05	0.00619
524149.22	4260350.3	1.03577	0.00729	0.00006	1.93227E-05	0.00731
524164.22	4260350.3	1.23145	0.00866	0.00007	2.25432E-05	0.00869
524179.22	4260350.3	1.44828	0.01019	0.00007	2.25432E-05	0.01021
524194.22	4260350.3	1.68257	0.01184	0.00007	2.25432E-05	0.01186
524209.22	4260350.3	1.94417	0.01368	0.00007	2.25432E-05	0.01370
524224.22	4260350.3	2.24221	0.01578	0.00007	2.25432E-05	0.01580
524239.22	4260350.3	2.57914	0.01815	0.00007	2.25432E-05	0.01817
524254.22	4260350.3	2.95805	0.02081	0.00007	2.25432E-05	0.02083
524269.22	4260350.3	3.37698	0.02376	0.00007	2.25432E-05	0.02378
524204.65	4260012.52	0.31841	0.00224	0.00055	1.77125E-04	0.00242
524203.43	4260005.01	0.30836	0.00217	0.00052	1.67463E-04	0.00234
524204.65	4259997.73	0.3073	0.00216	0.00048	1.54582E-04	0.00232
524204.4	4259988.28	0.30147	0.00212	0.00045	1.44920E-04	0.00227
524189.13	4260004.28	0.26697	0.00188	0.00060	1.93227E-04	0.00207
524189.37	4259993.85	0.26126	0.00184	0.00056	1.80345E-04	0.00202
524190.83	4259982.7	0.26049	0.00183	0.00053	1.70684E-04	0.00200
524246.78	4259946.49	0.47596	0.00335	0.00026	8.37317E-05	0.00343
524255.34	4259929.66	0.51151	0.00360	0.00024	7.72908E-05	0.00368
524250.49	4259937.65	0.49065	0.00345	0.00025	8.05113E-05	0.00353
524232.52	4259935.94	0.40012	0.00282	0.00029	9.33931E-05	0.00291
524220.54	4259937.94	0.35094	0.00247	0.00033	1.06275E-04	0.00258
524212.55	4259949.92	0.32376	0.00228	0.00036	1.15936E-04	0.00239
524206.28	4259957.62	0.30335	0.00213	0.00040	1.28818E-04	0.00226
524199.43	4259957.05	0.2817	0.00198	0.00044	1.41700E-04	0.00212
524188.31	4259954.48	0.25028	0.00176	0.00054	1.73904E-04	0.00193
524196.86	4259946.49	0.27341	0.00192	0.00046	1.48141E-04	0.00207
524203.71	4259947.63	0.29404	0.00207	0.00041	1.32039E-04	0.00220
524199.43	4259934.8	0.28033	0.00197	0.00044	1.41700E-04	0.00211
524206.56	4259925.1	0.30091	0.00212	0.00040	1.28818E-04	0.00225
524213.12	4259917.68	0.32103	0.00226	0.00036	1.15936E-04	0.00237
524241.93	4259920.25	0.43619	0.00307	0.00026	8.37317E-05	0.00315
524215.97	4259907.7	0.32888	0.00231	0.00035	1.12716E-04	0.00243
524221.11	4259892.3	0.34142	0.00240	0.00033	1.06275E-04	0.00251
524238.79	4259898.86	0.40795	0.00287	0.00027	8.69522E-05	0.00296
524238.79	4259907.98	0.41397	0.00291	0.00027	8.69522E-05	0.00300
524237.37	4259884.59	0.39264	0.00276	0.00028	9.01726E-05	0.00285
524214.83	4259881.17	0.31909	0.00225	0.00037	1.19157E-04	0.00236
524203.14	4259873.47	0.28624	0.00201	0.00045	1.44920E-04	0.00216
524198.29	4259867.19	0.27347	0.00192	0.00050	1.61023E-04	0.00209
524232.8	4259867.19	0.36531	0.00257	0.00031	9.98340E-05	0.00267
524233.09	4259857.5	0.35986	0.00253	0.00031	9.98340E-05	0.00263
524235.66	4259852.36	0.36372	0.00256	0.00031	9.98340E-05	0.00266
524239.65	4259845.51	0.36981	0.00260	0.00030	9.66135E-05	0.00270
524243.93	4259834.68	0.37212	0.00262	0.00030	9.66135E-05	0.00271
524250.49	4259823.84	0.37816	0.00266	0.00029	9.33931E-05	0.00275
524243.64	4259822.12	0.35904	0.00253	0.00031	9.98340E-05	0.00263
524232.8	4259816.13	0.32654	0.00230	0.00036	1.15936E-04	0.00241
524225.1	4259826.4	0.31712	0.00223	0.00038	1.22377E-04	0.00235
524218.26	4259836.67	0.30884	0.00217	0.00040	1.28818E-04	0.00230
524210.55	4259846.94	0.29539	0.00208	0.00043	1.38479E-04	0.00222
524202	4259857.5	0.27883	0.00196	0.00049	1.57802E-04	0.00212
524265.77	4259728.17	0.28432	0.00200	0.00050	1.61023E-04	0.00216
524273.47	4259713.63	0.28025	0.00197	0.00050	1.61023E-04	0.00213
524276.89	4259698.51	0.272	0.00191	0.00050	1.61023E-04	0.00207
524260.92	4259693.94	0.24685	0.00174	0.00078	2.51195E-04	0.00199
524251.79	4259711.06	0.24846	0.00175	0.00086	2.76959E-04	0.00203
524250.65	4259723.04	0.25722	0.00181	0.00076	2.44754E-04	0.00205
524265.2	4259620.63	0.20204	0.00142	0.00110	3.54250E-04	0.00178
524284.88	4259588.39	0.19856	0.00140	0.00095	3.05943E-04	0.00170
524305.71	4259554.73	0.19401	0.00137	0.00102	3.28486E-04	0.00169
524315.12	4259565	0.21004	0.00148	0.00069	2.22211E-04	0.00170
524303.99	4259604.08	0.22817	0.00161	0.00054	1.73904E-04	0.00178
524638.04	4260127.68	2.83432	0.01994	0.00002	6.44090E-06	0.01995
524645.94	4260114.25	2.45624	0.01728	0.00002	6.44090E-06	0.01729
524647.12	4260105.17	2.35648	0.01658	0.00002	6.44090E-06	0.01659
524662.52	4260077.53	1.77325	0.01248	0.00002	6.44090E-06	0.01248
524692.14	4260053.84	1.21786	0.00857	0.00002	6.44090E-06	0.00858
524752.55	4260050.68	0.80613	0.00567	0.00001	3.22045E-06	0.00568
524338.94	4260404.55	3.80975	0.02680	0.00004	1.28818E-05	0.02682
524441.43	4260403.88	4.15918	0.02926	0.00003	9.66135E-06	0.02927
524538.99	4260369.97	2.65092	0.01865	0.00002	6.44090E-06	0.01866
524566.4	4260356.96	2.37859	0.01674	0.00002	6.44090E-06	0.01674
524530.17	4260389.94	2.53701	0.01785	0.00002	6.44090E-06	0.01786
524498.28	4260239.21	14.14181	0.09950	0.00004	1.28818E-05	0.09951
524477.41	4260262.98	13.77617	0.09693	0.00004	1.28818E-05	0.09694
524494.8	4260256.02	12.46909	0.08773	0.00004	1.28818E-05	0.08774
524515.67	4260222.4	13.04118	0.09176	0.00004	1.28818E-05	0.09177
524519.73	4260238.63	10.67239	0.07509	0.00004	1.28818E-05	0.07510
524519.15	4260249.06	9.76543	0.06871	0.00003	9.66135E-06	0.06872
524529	4260210.8	12.02879	0.08463	0.00004	1.28818E-05	0.08465
524535.38	4260221.82	10.21628	0.07188	0.00003	9.66135E-06	0.07189
524534.22	4260237.47	9.04324	0.06363	0.00003	9.66135E-06	0.06364
524546.97	4260196.89	10.1477	0.07140	0.00003	9.66135E-06	0.07141
524546.97	4260211.38	9.35687	0.06583	0.00003	9.66135E-06	0.06584
524549.87	4260224.14	8.30297	0.05842	0.00003	9.66135E-06	0.05843
524560.3	4260187.04	8.84755	0.06225	0.00003	9.66135E-06	0.06226
524569	4260203.85	7.21438	0.05076	0.00003	9.66135E-06	0.05077
524580.01	4260180.66	6.91629	0.04866	0.00003	9.66135E-06	0.04867
524580.01	4260198.05	6.47651	0.04557	0.00003	9.66135E-06	0.04558
524588.13	4260163.27	6.38813	0.04495	0.00003	9.66135E-06	0.04496
524598.57	4260182.98	5.35106	0.03765	0.00003	9.66135E-06	0.03766
524596.25	4260169.64	5.61282	0.03949	0.00003	9.66135E-06	0.03950

Oakmont Emerald Ski

Commercial Annual Alpine Concession, Effective 5/1 Annual

Annual Average Value: $[illegible] Annual Concession Fee:

$ [illegible]

2024

Year 4

All Dollar Amounts Are Approximate

A	A	Alpine Annual Actual Net Income	Alpine Annual Actual Net Income	Alpine Annual Actual Net Income	Alpine Annual Actual Net Income	Alpine Annual Actual Net Income	Alpine Annual Actual Net Income	Total
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Oakmont Emerald Isle

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	0.85	0.25	11.6
1	1	10	1090	0.85	1	139.6
2	1	10	1090	0.85	1	139.6

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle Tier III at Sensitive Recptors

Estimated Cancer Risks from Construction DPM - Infant Receptors

Maximum Caner Risk
29.5

BAAQMD threshold of significance
10

Exceed thresholds?
Yes

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2018 (/million)	Infant Cancer Risk (year 1) 2018 (/million)	Infant Cancer Risk (year 2) 2019 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.020	0.243	0.239	0.50266
524149.22	4260065.3	0.023	0.282	0.273	0.57865
524164.22	4260065.3	0.026	0.317	0.309	0.65198
524179.22	4260065.3	0.029	0.356	0.349	0.73508
524194.22	4260065.3	0.034	0.405	0.400	0.83892
524209.22	4260065.3	0.039	0.467	0.464	0.96993
524224.22	4260065.3	0.045	0.547	0.547	1.13899
524239.22	4260065.3	0.054	0.653	0.656	1.36361
524254.22	4260065.3	0.066	0.797	0.805	1.66871
524269.22	4260065.3	0.083	0.998	1.013	2.09423
524134.22	4260080.3	0.021	0.254	0.253	0.52805
524149.22	4260080.3	0.024	0.290	0.288	0.60174
524164.22	4260080.3	0.027	0.329	0.327	0.68317
524179.22	4260080.3	0.031	0.373	0.373	0.77727
524194.22	4260080.3	0.035	0.428	0.430	0.89352
524209.22	4260080.3	0.041	0.498	0.502	1.04125
524224.22	4260080.3	0.049	0.588	0.596	1.23297
524239.22	4260080.3	0.059	0.709	0.722	1.48956
524254.22	4260080.3	0.072	0.875	0.895	1.84272
524269.22	4260080.3	0.092	1.113	1.142	2.34723
524134.22	4260095.3	0.022	0.267	0.269	0.55858
524149.22	4260095.3	0.025	0.305	0.306	0.63711
524164.22	4260095.3	0.029	0.348	0.350	0.72754
524179.22	4260095.3	0.033	0.400	0.403	0.83614
524194.22	4260095.3	0.038	0.463	0.470	0.97126
524209.22	4260095.3	0.045	0.544	0.554	1.14354
524224.22	4260095.3	0.054	0.650	0.665	1.36930
524239.22	4260095.3	0.066	0.793	0.814	1.67357
524254.22	4260095.3	0.082	0.992	1.022	2.09646
524269.22	4260095.3	0.106	1.282	1.324	2.71259
524134.22	4260110.3	0.023	0.282	0.287	0.59218
524149.22	4260110.3	0.027	0.323	0.328	0.67743
524164.22	4260110.3	0.031	0.373	0.378	0.78171
524179.22	4260110.3	0.036	0.433	0.440	0.90881
524194.22	4260110.3	0.042	0.508	0.519	1.06881
524209.22	4260110.3	0.050	0.605	0.620	1.27450
524224.22	4260110.3	0.061	0.732	0.753	1.54612
524239.22	4260110.3	0.075	0.906	0.934	1.91536
524254.22	4260110.3	0.095	1.150	1.189	2.43436
524269.22	4260110.3	0.125	1.507	1.561	3.19303
524134.22	4260125.3	0.025	0.300	0.306	0.63073
524149.22	4260125.3	0.029	0.345	0.352	0.72600
524164.22	4260125.3	0.033	0.401	0.410	0.84438
524179.22	4260125.3	0.039	0.471	0.483	0.99295
524194.22	4260125.3	0.046	0.561	0.576	1.18277
524209.22	4260125.3	0.056	0.677	0.697	1.43056
524224.22	4260125.3	0.069	0.832	0.859	1.75897
524239.22	4260125.3	0.086	1.044	1.080	2.21014
524254.22	4260125.3	0.111	1.344	1.393	2.84858
524269.22	4260125.3	0.148	1.786	1.854	3.78788
524134.22	4260140.3	0.026	0.319	0.328	0.67345
524149.22	4260140.3	0.031	0.370	0.380	0.78013
524164.22	4260140.3	0.036	0.434	0.446	0.91592
524179.22	4260140.3	0.043	0.516	0.531	1.08889
524194.22	4260140.3	0.051	0.621	0.640	1.31263
524209.22	4260140.3	0.063	0.760	0.785	1.60820
524224.22	4260140.3	0.078	0.946	0.980	2.00451
524239.22	4260140.3	0.100	1.204	1.249	2.55321
524254.22	4260140.3	0.130	1.570	1.630	3.33027
524269.22	4260140.3	0.175	2.109	2.193	4.47683
524134.22	4260155.3	0.028	0.342	0.352	0.72207
524149.22	4260155.3	0.033	0.397	0.409	0.83890
524164.22	4260155.3	0.039	0.470	0.484	0.99326
524179.22	4260155.3	0.047	0.564	0.582	1.19325
524194.22	4260155.3	0.057	0.685	0.708	1.44921
524209.22	4260155.3	0.070	0.845	0.875	1.78906
524224.22	4260155.3	0.088	1.065	1.105	2.25790
524239.22	4260155.3	0.114	1.375	1.428	2.91634
524254.22	4260155.3	0.150	1.813	1.885	3.84714
524269.22	4260155.3	0.203	2.456	2.556	5.21470
524134.22	4260170.3	0.031	0.369	0.380	0.77946
524149.22	4260170.3	0.036	0.430	0.444	0.90972
524164.22	4260170.3	0.042	0.512	0.529	1.08260
524179.22	4260170.3	0.051	0.619	0.640	1.31012
524194.22	4260170.3	0.063	0.756	0.784	1.60237
524209.22	4260170.3	0.078	0.937	0.972	1.98715
524224.22	4260170.3	0.099	1.192	1.239	2.52979
524239.22	4260170.3	0.129	1.552	1.614	3.29514
524254.22	4260170.3	0.171	2.061	2.144	4.37568
524269.22	4260170.3	0.232	2.805	2.921	5.95814
524134.22	4260185.3	0.034	0.405	0.419	0.85815
524149.22	4260185.3	0.039	0.474	0.491	1.00472
524164.22	4260185.3	0.047	0.564	0.585	1.19587
524179.22	4260185.3	0.056	0.682	0.707	1.44605
524194.22	4260185.3	0.069	0.838	0.870	1.77778
524209.22	4260185.3	0.087	1.047	1.087	2.22072
524224.22	4260185.3	0.110	1.331	1.384	2.82566
524239.22	4260185.3	0.143	1.729	1.799	3.67213
524254.22	4260185.3	0.190	2.290	2.384	4.86386
524269.22	4260185.3	0.257	3.108	3.238	6.60263
524134.22	4260200.3	0.037	0.449	0.465	0.95113
524149.22	4260200.3	0.044	0.527	0.546	1.11660
524164.22	4260200.3	0.052	0.626	0.650	1.32782
524179.22	4260200.3	0.062	0.755	0.783	1.60028
524194.22	4260200.3	0.077	0.928	0.964	1.96954
524209.22	4260200.3	0.096	1.164	1.210	2.47039
524224.22	4260200.3	0.122	1.476	1.536	3.13364
524239.22	4260200.3	0.158	1.903	1.981	4.04168
524254.22	4260200.3	0.207	2.502	2.606	5.31500
524269.22	4260200.3	0.279	3.364	3.506	7.14907
524134.22	4260215.3	0.042	0.504	0.523	1.06900
524149.22	4260215.3	0.049	0.591	0.614	1.25410
524164.22	4260215.3	0.058	0.702	0.729	1.48892
524179.22	4260215.3	0.070	0.843	0.876	1.78857
524194.22	4260215.3	0.086	1.035	1.076	2.19649
524209.22	4260215.3	0.107	1.292	1.344	2.74368
524224.22	4260215.3	0.135	1.630	1.697	3.46246
524239.22	4260215.3	0.172	2.078	2.164	4.41406
524254.22	4260215.3	0.223	2.699	2.812	5.73380
524269.22	4260215.3	0.295	3.564	3.715	7.57497
524134.22	4260230.3	0.046	0.561	0.582	1.18961
524149.22	4260230.3	0.055	0.659	0.684	1.39766
524164.22	4260230.3	0.065	0.780	0.811	1.65600
524179.22	4260230.3	0.077	0.933	0.970	1.97940
524194.22	4260230.3	0.094	1.140	1.186	2.41974
524209.22	4260230.3	0.117	1.418	1.476	3.01213
524224.22	4260230.3	0.147	1.774	1.847	3.76830
524239.22	4260230.3	0.185	2.237	2.330	4.75197
524254.22	4260230.3	0.237	2.861	2.981	6.07893
524269.22	4260230.3	0.306	3.700	3.857	7.86367
524134.22	4260245.3	0.051	0.616	0.640	1.30693
524149.22	4260245.3	0.060	0.727	0.756	1.54333
524164.22	4260245.3	0.071	0.860	0.894	1.82558
524179.22	4260245.3	0.084	1.019	1.060	2.16408
524194.22	4260245.3	0.103	1.239	1.289	2.63055
524209.22	4260245.3	0.127	1.534	1.598	3.25880
524224.22	4260245.3	0.158	1.906	1.986	4.04944
524239.22	4260245.3	0.197	2.380	2.481	5.05799
524254.22	4260245.3	0.248	2.998	3.125	6.37033
524269.22	4260245.3	0.315	3.799	3.960	8.07371
524134.22	4260260.3	0.055	0.667	0.693	1.41509
524149.22	4260260.3	0.066	0.792	0.824	1.68083
524164.22	4260260.3	0.078	0.938	0.976	1.99105
524179.22	4260260.3	0.092	1.106	1.152	2.34959
524194.22	4260260.3	0.110	1.334	1.389	2.83336
524209.22	4260260.3	0.136	1.639	1.707	3.48132
524224.22	4260260.3	0.167	2.017	2.102	4.28573
524239.22	4260260.3	0.206	2.489	2.595	5.28998
524254.22	4260260.3	0.256	3.087	3.218	6.55990
524269.22	4260260.3	0.318	3.836	4.000	8.15340
524134.22	4260275.3	0.058	0.698	0.726	1.48184
524149.22	4260275.3	0.070	0.850	0.884	1.80442
524164.22	4260275.3	0.084	1.012	1.053	2.14891
524179.22	4260275.3	0.099	1.198	1.247	2.54367
524194.22	4260275.3	0.119	1.433	1.493	3.04433
524209.22	4260275.3	0.144	1.735	1.807	3.68544
524224.22	4260275.3	0.174	2.106	2.195	4.47626
524239.22	4260275.3	0.212	2.565	2.673	5.45027
524254.22	4260275.3	0.260	3.137	3.271	6.66727
524269.22	4260275.3	0.318	3.840	4.004	8.16146
524134.22	4260290.3	0.060	0.726	0.756	1.54238
524149.22	4260290.3	0.073	0.886	0.922	1.88195
524164.22	4260290.3	0.089	1.073	1.118	2.27996
524179.22	4260290.3	0.106	1.275	1.328	2.70907
524194.22	4260290.3	0.126	1.517	1.581	3.22340
524209.22	4260290.3	0.150	1.813	1.889	3.85168
524224.22	4260290.3	0.180	2.174	2.266	4.62084
524239.22	4260290.3	0.216	2.610	2.721	5.54633
524254.22	4260290.3	0.261	3.149	3.283	6.69347
524269.22	4260290.3	0.314	3.795	3.957	8.06608
524134.22	4260305.3	0.063	0.763	0.795	1.62143
524149.22	4260305.3	0.076	0.919	0.957	1.95164
524164.22	4260305.3	0.093	1.123	1.170	2.38612
524179.22	4260305.3	0.111	1.335	1.391	2.83611
524194.22	4260305.3	0.131	1.584	1.650	3.36516
524209.22	4260305.3	0.155	1.876	1.955	3.98576
524224.22	4260305.3	0.184	2.225	2.320	4.72960
524239.22	4260305.3	0.218	2.639	2.751	5.60821
524254.22	4260305.3	0.259	3.133	3.267	6.66008
524269.22	4260305.3	0.307	3.711	3.870	7.88875
524134.22	4260320.3	0.066	0.798	0.831	1.69411
524149.22	4260320.3	0.079	0.951	0.990	2.01995
524164.22	4260320.3	0.095	1.147	1.195	2.43770
524179.22	4260320.3	0.114	1.376	1.434	2.92464
524194.22	4260320.3	0.135	1.626	1.694	3.45440
524209.22	4260320.3	0.158	1.912	1.993	4.06251
524224.22	4260320.3	0.186	2.245	2.341	4.77160
524239.22	4260320.3	0.218	2.632	2.744	5.59443
524254.22	4260320.3	0.255	3.083	3.215	6.55413
524269.22	4260320.3	0.298	3.596	3.750	7.64380
524134.22	4260335.3	0.069	0.832	0.867	1.76842
524149.22	4260335.3	0.082	0.988	1.029	2.09801
524164.22	4260335.3	0.098	1.182	1.232	2.51176
524179.22	4260335.3	0.116	1.407	1.466	2.98882
524194.22	4260335.3	0.136	1.648	1.717	3.50116
524209.22	4260335.3	0.159	1.920	2.001	4.07951
524224.22	4260335.3	0.185	2.234	2.329	4.74702
524239.22	4260335.3	0.215	2.592	2.703	5.51008
524254.22	4260335.3	0.249	3.004	3.132	6.38526
524269.22	4260335.3	0.287	3.467	3.616	7.37028
524134.22	4260350.3	0.072	0.864	0.900	1.83637
524149.22	4260350.3	0.084	1.020	1.063	2.16754
524164.22	4260350.3	0.100	1.213	1.264	2.57694
524179.22	4260350.3	0.118	1.426	1.486	3.02977
524194.22	4260350.3	0.137	1.656	1.726	3.51908
524209.22	4260350.3	0.158	1.913	1.994	4.06541
524224.22	4260350.3	0.183	2.206	2.300	4.68785
524239.22	4260350.3	0.210	2.537	2.645	5.39151
524254.22	4260350.3	0.241	2.909	3.033	6.18285
524269.22	4260350.3	0.275	3.320	3.463	7.05776
524204.65	4260012.52	0.028	0.337	0.340	0.70521
524203.43	4260005.01	0.027	0.326	0.329	0.68203
524204.65	4259997.73	0.027	0.323	0.327	0.67689
524204.4	4259988.28	0.026	0.316	0.320	0.66252
524189.13	4260004.28	0.024	0.289	0.288	0.60144
524189.37	4259993.85	0.023	0.282	0.281	0.58659
524190.83	4259982.7	0.023	0.280	0.280	0.58279
524246.78	4259946.49	0.040	0.479	0.494	1.01304
524255.34	4259929.66	0.042	0.513	0.530	1.08582
524250.49	4259937.65	0.041	0.493	0.509	1.04298
524232.52	4259935.94	0.034	0.406	0.417	0.85684
524220.54	4259937.94	0.030	0.360	0.368	0.75706
524212.55	4259949.92	0.028	0.334	0.341	0.70249
524206.28	4259957.62	0.026	0.316	0.321	0.66279
524199.43	4259957.05	0.025	0.296	0.299	0.62050
524188.31	4259954.48	0.022	0.270	0.270	0.56220
524196.86	4259946.49	0.024	0.289	0.291	0.60465
524203.71	4259947.63	0.025	0.307	0.311	0.64408
524199.43	4259934.8	0.024	0.295	0.298	0.61764
524206.56	4259925.1	0.026	0.314	0.318	0.65769
524213.12	4259917.68	0.027	0.332	0.338	0.69679
524241.93	4259920.25	0.036	0.440	0.453	0.92998
524215.97	4259907.7	0.028	0.339	0.346	0.71245
524221.11	4259892.3	0.029	0.350	0.358	0.73718
524238.79	4259898.86	0.034	0.413	0.425	0.87173
524238.79	4259907.98	0.035	0.419	0.431	0.88430
524237.37	4259884.59	0.033	0.398	0.409	0.84049
524214.83	4259881.17	0.027	0.330	0.336	0.69347
524203.14	4259873.47	0.025	0.301	0.304	0.63071
524198.29	4259867.19	0.024	0.291	0.292	0.60770
524232.8	4259867.19	0.031	0.373	0.382	0.78561
524233.09	4259857.5	0.030	0.367	0.376	0.77422
524235.66	4259852.36	0.031	0.371	0.380	0.78229
524239.65	4259845.51	0.031	0.377	0.386	0.79427
524243.93	4259834.68	0.031	0.379	0.389	0.79910
524250.49	4259823.84	0.032	0.384	0.395	0.81098
524243.64	4259822.12	0.030	0.367	0.376	0.77251
524232.8	4259816.13	0.028	0.337	0.343	0.70829
524225.1	4259826.4	0.027	0.329	0.334	0.69008
524218.26	4259836.67	0.027	0.321	0.326	0.67425
524210.55	4259846.94	0.026	0.309	0.313	0.64836
524202	4259857.5	0.025	0.296	0.298	0.61816
524265.77	4259728.17	0.025	0.302	0.304	0.63036
524273.47	4259713.63	0.025	0.298	0.299	0.62186
524276.89	4259698.51	0.024	0.290	0.291	0.60463
524260.92	4259693.94	0.023	0.278	0.272	0.57259
524251.79	4259711.06	0.023	0.283	0.276	0.58180
524250.65	4259723.04	0.024	0.287	0.282	0.59278
524265.2	4259620.63	0.021	0.248	0.234	0.50241
524284.88	4259588.39	0.020	0.238	0.227	0.48417
524305.71	4259554.73	0.020	0.236	0.224	0.47979
524315.12	4259565	0.020	0.237	0.232	0.48913
524303.99	4259604.08	0.021	0.248	0.247	0.51602
524638.04	4260127.68	0.231	2.785	2.905	5.92079
524645.94	4260114.25	0.200	2.414	2.518	5.13119
524647.12	4260105.17	0.192	2.316	2.416	4.92284
524662.52	4260077.53	0.144	1.743	1.818	3.70480
524692.14	4260053.84	0.099	1.197	1.249	2.54490
524752.55	4260050.68	0.066	0.792	0.826	1.68429
524338.94	4260404.55	0.310	3.744	3.905	7.95938
524441.43	4260403.88	0.338	4.087	4.263	8.68842
524538.99	4260369.97	0.216	2.605	2.717	5.53777
524566.4	4260356.96	0.194	2.337	2.438	4.96902
524530.17	4260389.94	0.206	2.493	2.601	5.29987
524498.28	4260239.21	1.150	13.893	14.494	29.53733
524477.41	4260262.98	1.121	13.534	14.119	28.77371
524494.8	4260256.02	1.014	12.250	12.780	26.04395
524515.67	4260222.4	1.061	12.812	13.366	27.23873
524519.73	4260238.63	0.868	10.485	10.939	22.29164
524519.15	4260249.06	0.794	9.594	10.009	20.39677
524529	4260210.8	0.978	11.817	12.329	25.12440
524535.38	4260221.82	0.831	10.036	10.471	21.33834
524534.22	4260237.47	0.736	8.884	9.269	18.88851
524546.97	4260196.89	0.825	9.969	10.401	21.19512
524546.97	4260211.38	0.761	9.192	9.590	19.54351
524549.87	4260224.14	0.675	8.157	8.510	17.34250
524560.3	4260187.04	0.720	8.692	9.068	18.47983
524569	4260203.85	0.587	7.088	7.394	15.06904
524580.01	4260180.66	0.563	6.795	7.089	14.44649
524580.01	4260198.05	0.527	6.363	6.638	13.52804
524588.13	4260163.27	0.520	6.276	6.548	13.34346
524598.57	4260182.98	0.435	5.258	5.485	11.17759
524596.25	4260169.64	0.457	5.515	5.753	11.72427

Oakmont Emerald Isle

Tier III

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	3	572	0.73	1	18.9
2	1	3	572	0.73	1	18.9

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

# Oakmont Emerald Isle	Tier III	at Sensitive Receptors

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Child Cancer Risk (year 1) 2017 (/million)	Child Cancer Risk (year 2) 2017 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.033	0.032	0.06524
524149.22	4260065.3	0.038	0.037	0.07508
524164.22	4260065.3	0.043	0.042	0.08460
524179.22	4260065.3	0.048	0.047	0.09540
524194.22	4260065.3	0.055	0.054	0.10889
524209.22	4260065.3	0.063	0.063	0.12591
524224.22	4260065.3	0.074	0.074	0.14787
524239.22	4260065.3	0.088	0.089	0.17705
524254.22	4260065.3	0.108	0.109	0.21669
524269.22	4260065.3	0.135	0.137	0.27198
524134.22	4260080.3	0.034	0.034	0.06855
524149.22	4260080.3	0.039	0.039	0.07811
524164.22	4260080.3	0.045	0.044	0.08868
524179.22	4260080.3	0.050	0.050	0.10091
524194.22	4260080.3	0.058	0.058	0.11602
524209.22	4260080.3	0.067	0.068	0.13521
524224.22	4260080.3	0.079	0.081	0.16012
524239.22	4260080.3	0.096	0.098	0.19346
524254.22	4260080.3	0.118	0.121	0.23935
524269.22	4260080.3	0.150	0.154	0.30490
524134.22	4260095.3	0.036	0.036	0.07253
524149.22	4260095.3	0.041	0.041	0.08272
524164.22	4260095.3	0.047	0.047	0.09447
524179.22	4260095.3	0.054	0.055	0.10858
524194.22	4260095.3	0.063	0.064	0.12614
524209.22	4260095.3	0.074	0.075	0.14852
524224.22	4260095.3	0.088	0.090	0.17786
524239.22	4260095.3	0.107	0.110	0.21739
524254.22	4260095.3	0.134	0.138	0.27234
524269.22	4260095.3	0.173	0.179	0.35240
524134.22	4260110.3	0.038	0.039	0.07691
524149.22	4260110.3	0.044	0.044	0.08798
524164.22	4260110.3	0.050	0.051	0.10152
524179.22	4260110.3	0.058	0.060	0.11803
524194.22	4260110.3	0.069	0.070	0.13882
524209.22	4260110.3	0.082	0.084	0.16555
524224.22	4260110.3	0.099	0.102	0.20085
524239.22	4260110.3	0.122	0.126	0.24883
524254.22	4260110.3	0.155	0.161	0.31626
524269.22	4260110.3	0.204	0.211	0.41485
524134.22	4260125.3	0.041	0.041	0.08192
524149.22	4260125.3	0.047	0.048	0.09430
524164.22	4260125.3	0.054	0.055	0.10967
524179.22	4260125.3	0.064	0.065	0.12898
524194.22	4260125.3	0.076	0.078	0.15364
524209.22	4260125.3	0.092	0.094	0.18584
524224.22	4260125.3	0.112	0.116	0.22851
524239.22	4260125.3	0.141	0.146	0.28714
524254.22	4260125.3	0.182	0.188	0.37010
524269.22	4260125.3	0.241	0.251	0.49215
524134.22	4260140.3	0.043	0.044	0.08748
524149.22	4260140.3	0.050	0.051	0.10134
524164.22	4260140.3	0.059	0.060	0.11898
524179.22	4260140.3	0.070	0.072	0.14145
524194.22	4260140.3	0.084	0.087	0.17052
524209.22	4260140.3	0.103	0.106	0.20893
524224.22	4260140.3	0.128	0.132	0.26043
524239.22	4260140.3	0.163	0.169	0.33172
524254.22	4260140.3	0.212	0.220	0.43270
524269.22	4260140.3	0.285	0.297	0.58168
524134.22	4260155.3	0.046	0.048	0.09380
524149.22	4260155.3	0.054	0.055	0.10898
524164.22	4260155.3	0.064	0.065	0.12903
524179.22	4260155.3	0.076	0.079	0.15502
524194.22	4260155.3	0.093	0.096	0.18828
524209.22	4260155.3	0.114	0.118	0.23244
524224.22	4260155.3	0.144	0.149	0.29336
524239.22	4260155.3	0.186	0.193	0.37892
524254.22	4260155.3	0.245	0.255	0.49986
524269.22	4260155.3	0.332	0.346	0.67757
524134.22	4260170.3	0.050	0.051	0.10126
524149.22	4260170.3	0.058	0.060	0.11819
524164.22	4260170.3	0.069	0.071	0.14065
524179.22	4260170.3	0.084	0.087	0.17021
524194.22	4260170.3	0.102	0.106	0.20818
524209.22	4260170.3	0.127	0.131	0.25818
524224.22	4260170.3	0.161	0.167	0.32869
524239.22	4260170.3	0.210	0.218	0.42814
524254.22	4260170.3	0.279	0.290	0.56855
524269.22	4260170.3	0.379	0.395	0.77417
524134.22	4260185.3	0.055	0.057	0.11149
524149.22	4260185.3	0.064	0.066	0.13053
524164.22	4260185.3	0.076	0.079	0.15537
524179.22	4260185.3	0.092	0.096	0.18788
524194.22	4260185.3	0.113	0.118	0.23098
524209.22	4260185.3	0.142	0.147	0.28854
524224.22	4260185.3	0.180	0.187	0.36714
524239.22	4260185.3	0.234	0.243	0.47713
524254.22	4260185.3	0.310	0.322	0.63199
524269.22	4260185.3	0.420	0.438	0.85792
524134.22	4260200.3	0.061	0.063	0.12357
524149.22	4260200.3	0.071	0.074	0.14507
524164.22	4260200.3	0.085	0.088	0.17252
524179.22	4260200.3	0.102	0.106	0.20792
524194.22	4260200.3	0.126	0.130	0.25590
524209.22	4260200.3	0.157	0.164	0.32098
524224.22	4260200.3	0.200	0.208	0.40716
524239.22	4260200.3	0.257	0.268	0.52515
524254.22	4260200.3	0.338	0.352	0.69061
524269.22	4260200.3	0.455	0.474	0.92893
524134.22	4260215.3	0.068	0.071	0.13889
524149.22	4260215.3	0.080	0.083	0.16294
524164.22	4260215.3	0.095	0.099	0.19345
524179.22	4260215.3	0.114	0.118	0.23239
524194.22	4260215.3	0.140	0.145	0.28539
524209.22	4260215.3	0.175	0.182	0.35650
524224.22	4260215.3	0.220	0.229	0.44989
524239.22	4260215.3	0.281	0.293	0.57354
524254.22	4260215.3	0.365	0.380	0.74503
524269.22	4260215.3	0.482	0.502	0.98428
524134.22	4260230.3	0.076	0.079	0.15456
524149.22	4260230.3	0.089	0.093	0.18160
524164.22	4260230.3	0.106	0.110	0.21516
524179.22	4260230.3	0.126	0.131	0.25719
524194.22	4260230.3	0.154	0.160	0.31440
524209.22	4260230.3	0.192	0.200	0.39138
524224.22	4260230.3	0.240	0.250	0.48964
524239.22	4260230.3	0.302	0.315	0.61746
524254.22	4260230.3	0.387	0.403	0.78988
524269.22	4260230.3	0.500	0.522	1.02179
524134.22	4260245.3	0.083	0.087	0.16981
524149.22	4260245.3	0.098	0.102	0.20053
524164.22	4260245.3	0.116	0.121	0.23720
524179.22	4260245.3	0.138	0.143	0.28119
524194.22	4260245.3	0.167	0.174	0.34180
524209.22	4260245.3	0.207	0.216	0.42343
524224.22	4260245.3	0.258	0.268	0.52617
524239.22	4260245.3	0.322	0.335	0.65722
524254.22	4260245.3	0.405	0.422	0.82775
524269.22	4260245.3	0.514	0.535	1.04909
524134.22	4260260.3	0.090	0.094	0.18387
524149.22	4260260.3	0.107	0.111	0.21839
524164.22	4260260.3	0.127	0.132	0.25870
524179.22	4260260.3	0.150	0.156	0.30529
524194.22	4260260.3	0.180	0.188	0.36815
524209.22	4260260.3	0.222	0.231	0.45235
524224.22	4260260.3	0.273	0.284	0.55687
524239.22	4260260.3	0.337	0.351	0.68737
524254.22	4260260.3	0.417	0.435	0.85238
524269.22	4260260.3	0.519	0.541	1.05944
524134.22	4260275.3	0.094	0.098	0.19254
524149.22	4260275.3	0.115	0.120	0.23446
524164.22	4260275.3	0.137	0.142	0.27922
524179.22	4260275.3	0.162	0.169	0.33051
524194.22	4260275.3	0.194	0.202	0.39557
524209.22	4260275.3	0.235	0.244	0.47887
524224.22	4260275.3	0.285	0.297	0.58163
524239.22	4260275.3	0.347	0.361	0.70820
524254.22	4260275.3	0.424	0.442	0.86633
524269.22	4260275.3	0.519	0.541	1.06049
524134.22	4260290.3	0.098	0.102	0.20041
524149.22	4260290.3	0.120	0.125	0.24453
524164.22	4260290.3	0.145	0.151	0.29625
524179.22	4260290.3	0.172	0.180	0.35201
524194.22	4260290.3	0.205	0.214	0.41884
524209.22	4260290.3	0.245	0.255	0.50048
524224.22	4260290.3	0.294	0.306	0.60042
524239.22	4260290.3	0.353	0.368	0.72068
524254.22	4260290.3	0.426	0.444	0.86974
524269.22	4260290.3	0.513	0.535	1.04810
524134.22	4260305.3	0.103	0.107	0.21068
524149.22	4260305.3	0.124	0.129	0.25359
524164.22	4260305.3	0.152	0.158	0.31004
524179.22	4260305.3	0.180	0.188	0.36851
524194.22	4260305.3	0.214	0.223	0.43726
524209.22	4260305.3	0.254	0.264	0.51790
524224.22	4260305.3	0.301	0.314	0.61456
524239.22	4260305.3	0.357	0.372	0.72872
524254.22	4260305.3	0.424	0.442	0.86540
524269.22	4260305.3	0.502	0.523	1.02506
524134.22	4260320.3	0.108	0.112	0.22012
524149.22	4260320.3	0.129	0.134	0.26246
524164.22	4260320.3	0.155	0.162	0.31675
524179.22	4260320.3	0.186	0.194	0.38002
524194.22	4260320.3	0.220	0.229	0.44886
524209.22	4260320.3	0.258	0.269	0.52787
524224.22	4260320.3	0.304	0.316	0.62001
524239.22	4260320.3	0.356	0.371	0.72693
524254.22	4260320.3	0.417	0.435	0.85164
524269.22	4260320.3	0.486	0.507	0.99323
524134.22	4260335.3	0.113	0.117	0.22978
524149.22	4260335.3	0.134	0.139	0.27261
524164.22	4260335.3	0.160	0.167	0.32637
524179.22	4260335.3	0.190	0.198	0.38836
524194.22	4260335.3	0.223	0.232	0.45493
524209.22	4260335.3	0.260	0.271	0.53008
524224.22	4260335.3	0.302	0.315	0.61682
524239.22	4260335.3	0.351	0.365	0.71597
524254.22	4260335.3	0.406	0.424	0.82969
524269.22	4260335.3	0.469	0.489	0.95769
524134.22	4260350.3	0.117	0.122	0.23861
524149.22	4260350.3	0.138	0.144	0.28164
524164.22	4260350.3	0.164	0.171	0.33484
524179.22	4260350.3	0.193	0.201	0.39368
524194.22	4260350.3	0.224	0.233	0.45726
524209.22	4260350.3	0.259	0.270	0.52825
524224.22	4260350.3	0.298	0.311	0.60913
524239.22	4260350.3	0.343	0.358	0.70057
524254.22	4260350.3	0.393	0.410	0.80339
524269.22	4260350.3	0.449	0.468	0.91708
524204.65	4260012.52	0.046	0.046	0.09157
524203.43	4260005.01	0.044	0.044	0.08856
524204.65	4259997.73	0.044	0.044	0.08790
524204.4	4259988.28	0.043	0.043	0.08603
524189.13	4260004.28	0.039	0.039	0.07808
524189.37	4259993.85	0.038	0.038	0.07616
524190.83	4259982.7	0.038	0.038	0.07566
524246.78	4259946.49	0.065	0.067	0.13160
524255.34	4259929.66	0.069	0.072	0.14106
524250.49	4259937.65	0.067	0.069	0.13550
524232.52	4259935.94	0.055	0.056	0.11130
524220.54	4259937.94	0.049	0.050	0.09833
524212.55	4259949.92	0.045	0.046	0.09124
524206.28	4259957.62	0.043	0.043	0.08608
524199.43	4259957.05	0.040	0.040	0.08058
524188.31	4259954.48	0.037	0.036	0.07299
524196.86	4259946.49	0.039	0.039	0.07851
524203.71	4259947.63	0.042	0.042	0.08364
524199.43	4259934.8	0.040	0.040	0.08020
524206.56	4259925.1	0.042	0.043	0.08541
524213.12	4259917.68	0.045	0.046	0.09050
524241.93	4259920.25	0.060	0.061	0.12081
524215.97	4259907.7	0.046	0.047	0.09253
524221.11	4259892.3	0.047	0.048	0.09575
524238.79	4259898.86	0.056	0.057	0.11324
524238.79	4259907.98	0.057	0.058	0.11487
524237.37	4259884.59	0.054	0.055	0.10918
524214.83	4259881.17	0.045	0.045	0.09007
524203.14	4259873.47	0.041	0.041	0.08190
524198.29	4259867.19	0.039	0.040	0.07891
524232.8	4259867.19	0.050	0.052	0.10205
524233.09	4259857.5	0.050	0.051	0.10057
524235.66	4259852.36	0.050	0.051	0.10161
524239.65	4259845.51	0.051	0.052	0.10317
524243.93	4259834.68	0.051	0.053	0.10380
524250.49	4259823.84	0.052	0.053	0.10534
524243.64	4259822.12	0.050	0.051	0.10034
524232.8	4259816.13	0.046	0.046	0.09199
524225.1	4259826.4	0.044	0.045	0.08962
524218.26	4259836.67	0.043	0.044	0.08757
524210.55	4259846.94	0.042	0.042	0.08420
524202	4259857.5	0.040	0.040	0.08027
524265.77	4259728.17	0.041	0.041	0.08185
524273.47	4259713.63	0.040	0.040	0.08075
524276.89	4259698.51	0.039	0.039	0.07851
524260.92	4259693.94	0.038	0.037	0.07431
524251.79	4259711.06	0.038	0.037	0.07550
524250.65	4259723.04	0.039	0.038	0.07694
524265.2	4259620.63	0.034	0.032	0.06515
524284.88	4259588.39	0.032	0.031	0.06280
524305.71	4259554.73	0.032	0.030	0.06222
524315.12	4259565	0.032	0.031	0.06348
524303.99	4259604.08	0.034	0.033	0.06699
524638.04	4260127.68	0.377	0.393	0.76935
524645.94	4260114.25	0.326	0.340	0.66675
524647.12	4260105.17	0.313	0.327	0.63967
524662.52	4260077.53	0.236	0.246	0.48140
524692.14	4260053.84	0.162	0.169	0.33068
524752.55	4260050.68	0.107	0.112	0.21886
524338.94	4260404.55	0.506	0.528	1.03424
524441.43	4260403.88	0.553	0.576	1.12897
524538.99	4260369.97	0.352	0.367	0.71958
524566.4	4260356.96	0.316	0.330	0.64567
524530.17	4260389.94	0.337	0.352	0.68866
524498.28	4260239.21	1.878	1.960	3.83809
524477.41	4260262.98	1.830	1.909	3.73886
524494.8	4260256.02	1.656	1.728	3.38415
524515.67	4260222.4	1.732	1.807	3.53940
524519.73	4260238.63	1.418	1.479	2.89658
524519.15	4260249.06	1.297	1.353	2.65036
524529	4260210.8	1.598	1.667	3.26467
524535.38	4260221.82	1.357	1.416	2.77271
524534.22	4260237.47	1.201	1.253	2.45438
524546.97	4260196.89	1.348	1.406	2.75410
524546.97	4260211.38	1.243	1.297	2.53949
524549.87	4260224.14	1.103	1.151	2.25349
524560.3	4260187.04	1.175	1.226	2.40127
524569	4260203.85	0.958	1.000	1.95807
524580.01	4260180.66	0.919	0.958	1.87718
524580.01	4260198.05	0.860	0.898	1.75783
524588.13	4260163.27	0.849	0.885	1.73385
524598.57	4260182.98	0.711	0.742	1.45242
524596.25	4260169.64	0.746	0.778	1.52345

Maximum Caner Risk
4

BAAQMD threshold of significance
10

Exceed thresholds?
No

Oakmont Emerald Isle

Tier III

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	1	261	0.72	1	2.8
2	1	1	261	0.72	1	2.8

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle **Tier III** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Adult Cancer Risk (year 1) 2017 (/million)	Adult Cancer Risk (year 2) 2018 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.005	0.005	0.00979
524149.22	4260065.3	0.006	0.006	0.01126
524164.22	4260065.3	0.006	0.006	0.01269
524179.22	4260065.3	0.007	0.007	0.01431
524194.22	4260065.3	0.008	0.008	0.01634
524209.22	4260065.3	0.009	0.009	0.01889
524224.22	4260065.3	0.011	0.011	0.02218
524239.22	4260065.3	0.013	0.013	0.02656
524254.22	4260065.3	0.016	0.016	0.03251
524269.22	4260065.3	0.020	0.021	0.04080
524134.22	4260080.3	0.005	0.005	0.01028
524149.22	4260080.3	0.006	0.006	0.01172
524164.22	4260080.3	0.007	0.007	0.01330
524179.22	4260080.3	0.008	0.008	0.01514
524194.22	4260080.3	0.009	0.009	0.01740
524209.22	4260080.3	0.010	0.010	0.02028
524224.22	4260080.3	0.012	0.012	0.02402
524239.22	4260080.3	0.014	0.015	0.02902
524254.22	4260080.3	0.018	0.018	0.03591
524269.22	4260080.3	0.023	0.023	0.04574
524134.22	4260095.3	0.005	0.005	0.01088
524149.22	4260095.3	0.006	0.006	0.01241
524164.22	4260095.3	0.007	0.007	0.01417
524179.22	4260095.3	0.008	0.008	0.01629
524194.22	4260095.3	0.009	0.010	0.01892
524209.22	4260095.3	0.011	0.011	0.02228
524224.22	4260095.3	0.013	0.013	0.02668
524239.22	4260095.3	0.016	0.017	0.03261
524254.22	4260095.3	0.020	0.021	0.04086
524269.22	4260095.3	0.026	0.027	0.05287
524134.22	4260110.3	0.006	0.006	0.01154
524149.22	4260110.3	0.007	0.007	0.01320
524164.22	4260110.3	0.008	0.008	0.01523
524179.22	4260110.3	0.009	0.009	0.01771
524194.22	4260110.3	0.010	0.011	0.02083
524209.22	4260110.3	0.012	0.013	0.02484
524224.22	4260110.3	0.015	0.015	0.03013
524239.22	4260110.3	0.018	0.019	0.03733
524254.22	4260110.3	0.023	0.024	0.04744
524269.22	4260110.3	0.031	0.032	0.06223
524134.22	4260125.3	0.006	0.006	0.01229
524149.22	4260125.3	0.007	0.007	0.01415
524164.22	4260125.3	0.008	0.008	0.01645
524179.22	4260125.3	0.010	0.010	0.01935
524194.22	4260125.3	0.011	0.012	0.02305
524209.22	4260125.3	0.014	0.014	0.02788
524224.22	4260125.3	0.017	0.017	0.03428
524239.22	4260125.3	0.021	0.022	0.04307
524254.22	4260125.3	0.027	0.028	0.05552
524269.22	4260125.3	0.036	0.038	0.07383
524134.22	4260140.3	0.006	0.007	0.01312
524149.22	4260140.3	0.008	0.008	0.01520
524164.22	4260140.3	0.009	0.009	0.01785
524179.22	4260140.3	0.010	0.011	0.02122
524194.22	4260140.3	0.013	0.013	0.02558
524209.22	4260140.3	0.015	0.016	0.03134
524224.22	4260140.3	0.019	0.020	0.03907
524239.22	4260140.3	0.024	0.025	0.04976
524254.22	4260140.3	0.032	0.033	0.06491
524269.22	4260140.3	0.043	0.044	0.08726
524134.22	4260155.3	0.007	0.007	0.01407
524149.22	4260155.3	0.008	0.008	0.01635
524164.22	4260155.3	0.010	0.010	0.01936
524179.22	4260155.3	0.011	0.012	0.02326
524194.22	4260155.3	0.014	0.014	0.02824
524209.22	4260155.3	0.017	0.018	0.03487
524224.22	4260155.3	0.022	0.022	0.04401
524239.22	4260155.3	0.028	0.029	0.05684
524254.22	4260155.3	0.037	0.038	0.07499
524269.22	4260155.3	0.050	0.052	0.10164
524134.22	4260170.3	0.007	0.008	0.01519
524149.22	4260170.3	0.009	0.009	0.01773
524164.22	4260170.3	0.010	0.011	0.02110
524179.22	4260170.3	0.013	0.013	0.02553
524194.22	4260170.3	0.015	0.016	0.03123
524209.22	4260170.3	0.019	0.020	0.03873
524224.22	4260170.3	0.024	0.025	0.04931
524239.22	4260170.3	0.031	0.033	0.06423
524254.22	4260170.3	0.042	0.043	0.08529
524269.22	4260170.3	0.057	0.059	0.11614
524134.22	4260185.3	0.008	0.009	0.01673
524149.22	4260185.3	0.010	0.010	0.01958
524164.22	4260185.3	0.011	0.012	0.02331
524179.22	4260185.3	0.014	0.014	0.02818
524194.22	4260185.3	0.017	0.018	0.03465
524209.22	4260185.3	0.021	0.022	0.04328
524224.22	4260185.3	0.027	0.028	0.05508
524239.22	4260185.3	0.035	0.036	0.07158
524254.22	4260185.3	0.046	0.048	0.09481
524269.22	4260185.3	0.063	0.066	0.12870
524134.22	4260200.3	0.009	0.009	0.01854
524149.22	4260200.3	0.011	0.011	0.02176
524164.22	4260200.3	0.013	0.013	0.02588
524179.22	4260200.3	0.015	0.016	0.03119
524194.22	4260200.3	0.019	0.020	0.03839
524209.22	4260200.3	0.024	0.025	0.04815
524224.22	4260200.3	0.030	0.031	0.06108
524239.22	4260200.3	0.039	0.040	0.07878
524254.22	4260200.3	0.051	0.053	0.10360
524269.22	4260200.3	0.068	0.071	0.13935
524134.22	4260215.3	0.010	0.011	0.02084
524149.22	4260215.3	0.012	0.012	0.02444
524164.22	4260215.3	0.014	0.015	0.02902
524179.22	4260215.3	0.017	0.018	0.03486
524194.22	4260215.3	0.021	0.022	0.04281
524209.22	4260215.3	0.026	0.027	0.05348
524224.22	4260215.3	0.033	0.034	0.06749
524239.22	4260215.3	0.042	0.044	0.08604
524254.22	4260215.3	0.055	0.057	0.11177
524269.22	4260215.3	0.072	0.075	0.14766
524134.22	4260230.3	0.011	0.012	0.02319
524149.22	4260230.3	0.013	0.014	0.02724
524164.22	4260230.3	0.016	0.016	0.03228
524179.22	4260230.3	0.019	0.020	0.03858
524194.22	4260230.3	0.023	0.024	0.04717
524209.22	4260230.3	0.029	0.030	0.05871
524224.22	4260230.3	0.036	0.037	0.07345
524239.22	4260230.3	0.045	0.047	0.09263
524254.22	4260230.3	0.058	0.060	0.11849
524269.22	4260230.3	0.075	0.078	0.15328
524134.22	4260245.3	0.012	0.013	0.02547
524149.22	4260245.3	0.015	0.015	0.03008
524164.22	4260245.3	0.017	0.018	0.03558
524179.22	4260245.3	0.021	0.022	0.04218
524194.22	4260245.3	0.025	0.026	0.05127
524209.22	4260245.3	0.031	0.032	0.06352
524224.22	4260245.3	0.039	0.040	0.07893
524239.22	4260245.3	0.048	0.050	0.09859
524254.22	4260245.3	0.061	0.063	0.12417
524269.22	4260245.3	0.077	0.080	0.15738
524134.22	4260260.3	0.014	0.014	0.02758
524149.22	4260260.3	0.016	0.017	0.03276
524164.22	4260260.3	0.019	0.020	0.03881
524179.22	4260260.3	0.022	0.023	0.04580
524194.22	4260260.3	0.027	0.028	0.05523
524209.22	4260260.3	0.033	0.035	0.06786
524224.22	4260260.3	0.041	0.043	0.08354
524239.22	4260260.3	0.050	0.053	0.10311
524254.22	4260260.3	0.063	0.065	0.12787
524269.22	4260260.3	0.078	0.081	0.15893
524134.22	4260275.3	0.014	0.015	0.02888
524149.22	4260275.3	0.017	0.018	0.03517
524164.22	4260275.3	0.021	0.021	0.04189
524179.22	4260275.3	0.024	0.025	0.04958
524194.22	4260275.3	0.029	0.030	0.05934
524209.22	4260275.3	0.035	0.037	0.07184
524224.22	4260275.3	0.043	0.045	0.08725
524239.22	4260275.3	0.052	0.054	0.10624
524254.22	4260275.3	0.064	0.066	0.12996
524269.22	4260275.3	0.078	0.081	0.15909
524134.22	4260290.3	0.015	0.015	0.03006
524149.22	4260290.3	0.018	0.019	0.03668
524164.22	4260290.3	0.022	0.023	0.04444
524179.22	4260290.3	0.026	0.027	0.05281
524194.22	4260290.3	0.031	0.032	0.06283
524209.22	4260290.3	0.037	0.038	0.07508
524224.22	4260290.3	0.044	0.046	0.09007
524239.22	4260290.3	0.053	0.055	0.10811
524254.22	4260290.3	0.064	0.067	0.13047
524269.22	4260290.3	0.077	0.080	0.15723
524134.22	4260305.3	0.015	0.016	0.03161
524149.22	4260305.3	0.019	0.019	0.03804
524164.22	4260305.3	0.023	0.024	0.04651
524179.22	4260305.3	0.027	0.028	0.05528
524194.22	4260305.3	0.032	0.033	0.06560
524209.22	4260305.3	0.038	0.040	0.07769
524224.22	4260305.3	0.045	0.047	0.09219
524239.22	4260305.3	0.054	0.056	0.10932
524254.22	4260305.3	0.064	0.066	0.12982
524269.22	4260305.3	0.075	0.078	0.15377
524134.22	4260320.3	0.016	0.017	0.03302
524149.22	4260320.3	0.019	0.020	0.03937
524164.22	4260320.3	0.023	0.024	0.04752
524179.22	4260320.3	0.028	0.029	0.05701
524194.22	4260320.3	0.033	0.034	0.06733
524209.22	4260320.3	0.039	0.040	0.07919
524224.22	4260320.3	0.046	0.047	0.09301
524239.22	4260320.3	0.053	0.056	0.10905
524254.22	4260320.3	0.063	0.065	0.12776
524269.22	4260320.3	0.073	0.076	0.14900
524134.22	4260335.3	0.017	0.018	0.03447
524149.22	4260335.3	0.020	0.021	0.04090
524164.22	4260335.3	0.024	0.025	0.04896
524179.22	4260335.3	0.029	0.030	0.05826
524194.22	4260335.3	0.033	0.035	0.06825
524209.22	4260335.3	0.039	0.041	0.07952
524224.22	4260335.3	0.045	0.047	0.09253
524239.22	4260335.3	0.053	0.055	0.10741
524254.22	4260335.3	0.061	0.064	0.12447
524269.22	4260335.3	0.070	0.073	0.14367
524134.22	4260350.3	0.018	0.018	0.03580
524149.22	4260350.3	0.021	0.022	0.04225
524164.22	4260350.3	0.025	0.026	0.05023
524179.22	4260350.3	0.029	0.030	0.05906
524194.22	4260350.3	0.034	0.035	0.06860
524209.22	4260350.3	0.039	0.040	0.07925
524224.22	4260350.3	0.045	0.047	0.09138
524239.22	4260350.3	0.051	0.054	0.10510
524254.22	4260350.3	0.059	0.062	0.12052
524269.22	4260350.3	0.067	0.070	0.13758
524204.65	4260012.52	0.007	0.007	0.01374
524203.43	4260005.01	0.007	0.007	0.01329
524204.65	4259997.73	0.007	0.007	0.01319
524204.4	4259988.28	0.006	0.006	0.01291
524189.13	4260004.28	0.006	0.006	0.01171
524189.37	4259993.85	0.006	0.006	0.01142
524190.83	4259982.7	0.006	0.006	0.01135
524246.78	4259946.49	0.010	0.010	0.01974
524255.34	4259929.66	0.010	0.011	0.02116
524250.49	4259937.65	0.010	0.010	0.02033
524232.52	4259935.94	0.008	0.008	0.01670
524220.54	4259937.94	0.007	0.007	0.01475
524212.55	4259949.92	0.007	0.007	0.01369
524206.28	4259957.62	0.006	0.007	0.01291
524199.43	4259957.05	0.006	0.006	0.01209
524188.31	4259954.48	0.005	0.005	0.01095
524196.86	4259946.49	0.006	0.006	0.01178
524203.71	4259947.63	0.006	0.006	0.01255
524199.43	4259934.8	0.006	0.006	0.01203
524206.56	4259925.1	0.006	0.006	0.01281
524213.12	4259917.68	0.007	0.007	0.01358
524241.93	4259920.25	0.009	0.009	0.01812
524215.97	4259907.7	0.007	0.007	0.01388
524221.11	4259892.3	0.007	0.007	0.01436
524238.79	4259898.86	0.008	0.009	0.01699
524238.79	4259907.98	0.008	0.009	0.01723
524237.37	4259884.59	0.008	0.008	0.01638
524214.83	4259881.17	0.007	0.007	0.01351
524203.14	4259873.47	0.006	0.006	0.01229
524198.29	4259867.19	0.006	0.006	0.01184
524232.8	4259867.19	0.008	0.008	0.01531
524233.09	4259857.5	0.007	0.008	0.01509
524235.66	4259852.36	0.008	0.008	0.01524
524239.65	4259845.51	0.008	0.008	0.01548
524243.93	4259834.68	0.008	0.008	0.01557
524250.49	4259823.84	0.008	0.008	0.01580
524243.64	4259822.12	0.007	0.008	0.01505
524232.8	4259816.13	0.007	0.007	0.01380
524225.1	4259826.4	0.007	0.007	0.01345
524218.26	4259836.67	0.007	0.007	0.01314
524210.55	4259846.94	0.006	0.006	0.01263
524202	4259857.5	0.006	0.006	0.01204
524265.77	4259728.17	0.006	0.006	0.01228
524273.47	4259713.63	0.006	0.006	0.01211
524276.89	4259698.51	0.006	0.006	0.01178
524260.92	4259693.94	0.006	0.006	0.01115
524251.79	4259711.06	0.006	0.006	0.01133
524250.65	4259723.04	0.006	0.006	0.01154
524265.2	4259620.63	0.005	0.005	0.00977
524284.88	4259588.39	0.005	0.005	0.00942
524305.71	4259554.73	0.005	0.005	0.00933
524315.12	4259565	0.005	0.005	0.00952
524303.99	4259604.08	0.005	0.005	0.01005
524638.04	4260127.68	0.056	0.059	0.11541
524645.94	4260114.25	0.049	0.051	0.10002
524647.12	4260105.17	0.047	0.049	0.09596
524662.52	4260077.53	0.035	0.037	0.07222
524692.14	4260053.84	0.024	0.025	0.04961
524752.55	4260050.68	0.016	0.017	0.03283
524338.94	4260404.55	0.076	0.079	0.15515
524441.43	4260403.88	0.083	0.086	0.16936
524538.99	4260369.97	0.053	0.055	0.10795
524566.4	4260356.96	0.047	0.049	0.09686
524530.17	4260389.94	0.051	0.053	0.10331
524498.28	4260239.21	0.282	0.294	0.57577
524477.41	4260262.98	0.275	0.286	0.56088
524494.8	4260256.02	0.248	0.259	0.50767
524515.67	4260222.4	0.260	0.271	0.53096
524519.73	4260238.63	0.213	0.222	0.43453
524519.15	4260249.06	0.195	0.203	0.39759
524529	4260210.8	0.240	0.250	0.48975
524535.38	4260221.82	0.204	0.212	0.41595
524534.22	4260237.47	0.180	0.188	0.36819
524546.97	4260196.89	0.202	0.211	0.41315
524546.97	4260211.38	0.186	0.195	0.38096
524549.87	4260224.14	0.165	0.173	0.33806
524560.3	4260187.04	0.176	0.184	0.36023
524569	4260203.85	0.144	0.150	0.29374
524580.01	4260180.66	0.138	0.144	0.28160
524580.01	4260198.05	0.129	0.135	0.26370
524588.13	4260163.27	0.127	0.133	0.26010
524598.57	4260182.98	0.107	0.111	0.21788
524596.25	4260169.64	0.112	0.117	0.22854

Maximum Caner Risk
0.6

BAAQMD threshold of significance
10

Exceed thresholds?
No

Oakmont Emerald Isle

Tier III
at Sensitive Receptors

Chronic Non-Cancer Hazard Index

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

Maximum Caner Risk
0.02
BAAQMD threshold of significance
1
Exceed thresholds?
No

X (m)	Y (m)	2018 DPM (ug/m3)	2019 DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
524134.22	4260065.3	0.001743	0.001713	0.001743	0.00035
524149.22	4260065.3	0.002019	0.001959	0.002019	0.00040
524164.22	4260065.3	0.002271	0.002211	0.002271	0.00045
524179.22	4260065.3	0.002551	0.002503	0.002551	0.00051
524194.22	4260065.3	0.002903	0.002866	0.002903	0.00058
524209.22	4260065.3	0.003346	0.003324	0.003346	0.00067
524224.22	4260065.3	0.003919	0.003915	0.003919	0.00078
524239.22	4260065.3	0.004679	0.0047	0.0047	0.00094
524254.22	4260065.3	0.005712	0.005768	0.005768	0.00115
524269.22	4260065.3	0.007151	0.007258	0.007258	0.00145
524134.22	4260080.3	0.001819	0.001813	0.001819	0.00036
524149.22	4260080.3	0.002078	0.00206	0.002078	0.00042
524164.22	4260080.3	0.002358	0.002341	0.002358	0.00047
524179.22	4260080.3	0.002675	0.002671	0.002675	0.00054
524194.22	4260080.3	0.003067	0.003079	0.003079	0.00062
524209.22	4260080.3	0.003565	0.003599	0.003599	0.00072
524224.22	4260080.3	0.004211	0.004272	0.004272	0.00085
524239.22	4260080.3	0.005077	0.005172	0.005172	0.00103
524254.22	4260080.3	0.006268	0.006412	0.006412	0.00128
524269.22	4260080.3	0.007971	0.008182	0.008182	0.00164
524134.22	4260095.3	0.001915	0.001927	0.001927	0.00039
524149.22	4260095.3	0.002187	0.002195	0.002195	0.00044
524164.22	4260095.3	0.002496	0.002509	0.002509	0.00050
524179.22	4260095.3	0.002862	0.00289	0.00289	0.00058
524194.22	4260095.3	0.003317	0.003365	0.003365	0.00067
524209.22	4260095.3	0.003897	0.003971	0.003971	0.00079
524224.22	4260095.3	0.004658	0.004765	0.004765	0.00095
524239.22	4260095.3	0.005683	0.005833	0.005833	0.00117
524254.22	4260095.3	0.007108	0.00732	0.00732	0.00146
524269.22	4260095.3	0.009185	0.009485	0.009485	0.00190
524134.22	4260110.3	0.002021	0.002053	0.002053	0.00041
524149.22	4260110.3	0.002314	0.002347	0.002347	0.00047
524164.22	4260110.3	0.002669	0.002709	0.002709	0.00054
524179.22	4260110.3	0.003099	0.003154	0.003154	0.00063
524194.22	4260110.3	0.003638	0.003717	0.003717	0.00074
524209.22	4260110.3	0.00433	0.004441	0.004441	0.00089
524224.22	4260110.3	0.005245	0.005395	0.005395	0.00108
524239.22	4260110.3	0.006489	0.006693	0.006693	0.00134
524254.22	4260110.3	0.008237	0.008517	0.008517	0.00170
524269.22	4260110.3	0.010793	0.011184	0.011184	0.00224
524134.22	4260125.3	0.002147	0.002193	0.002193	0.00044
524149.22	4260125.3	0.002472	0.002524	0.002524	0.00050
524164.22	4260125.3	0.002873	0.002937	0.002937	0.00059
524179.22	4260125.3	0.003375	0.003457	0.003457	0.00069
524194.22	4260125.3	0.004015	0.004125	0.004125	0.00082
524209.22	4260125.3	0.00485	0.004996	0.004996	0.00100
524224.22	4260125.3	0.005956	0.00615	0.00615	0.00123
524239.22	4260125.3	0.007476	0.007736	0.007736	0.00155
524254.22	4260125.3	0.009627	0.00998	0.00998	0.00200
524269.22	4260125.3	0.012791	0.013281	0.013281	0.00266
524134.22	4260140.3	0.002287	0.002348	0.002348	0.00047
524149.22	4260140.3	0.002649	0.002719	0.002719	0.00054
524164.22	4260140.3	0.003109	0.003194	0.003194	0.00064
524179.22	4260140.3	0.003693	0.0038	0.0038	0.00076
524194.22	4260140.3	0.004448	0.004586	0.004586	0.00092
524209.22	4260140.3	0.005444	0.005625	0.005625	0.00112
524224.22	4260140.3	0.006779	0.007018	0.007018	0.00140
524239.22	4260140.3	0.008627	0.008947	0.008947	0.00179
524254.22	4260140.3	0.011245	0.011678	0.011678	0.00234
524269.22	4260140.3	0.015107	0.015709	0.015709	0.00314
524134.22	4260155.3	0.002448	0.002521	0.002521	0.00050
524149.22	4260155.3	0.002844	0.00293	0.00293	0.00059
524164.22	4260155.3	0.003366	0.00347	0.00347	0.00069
524179.22	4260155.3	0.00404	0.004172	0.004172	0.00083
524194.22	4260155.3	0.004903	0.005071	0.005071	0.00101
524209.22	4260155.3	0.006049	0.006265	0.006265	0.00125
524224.22	4260155.3	0.007629	0.007913	0.007913	0.00158
524239.22	4260155.3	0.009847	0.010227	0.010227	0.00205
524254.22	4260155.3	0.012983	0.013499	0.013499	0.00270
524269.22	4260155.3	0.017589	0.018307	0.018307	0.00366
524134.22	4260170.3	0.00264	0.002725	0.002725	0.00055
524149.22	4260170.3	0.00308	0.003181	0.003181	0.00064
524164.22	4260170.3	0.003664	0.003787	0.003787	0.00076
524179.22	4260170.3	0.004431	0.004586	0.004586	0.00092
524194.22	4260170.3	0.005416	0.005613	0.005613	0.00112
524209.22	4260170.3	0.006713	0.006964	0.006964	0.00139
524224.22	4260170.3	0.008542	0.008872	0.008872	0.00177
524239.22	4260170.3	0.01112	0.011562	0.011562	0.00231
524254.22	4260170.3	0.01476	0.01536	0.01536	0.00307
524269.22	4260170.3	0.020091	0.020923	0.020923	0.00418
524134.22	4260185.3	0.002903	0.003003	0.003003	0.00060
524149.22	4260185.3	0.003398	0.003517	0.003517	0.00070
524164.22	4260185.3	0.004043	0.004188	0.004188	0.00084
524179.22	4260185.3	0.004887	0.005066	0.005066	0.00101
524194.22	4260185.3	0.006005	0.006232	0.006232	0.00125
524209.22	4260185.3	0.007497	0.007789	0.007789	0.00156
524224.22	4260185.3	0.009536	0.009914	0.009914	0.00198
524239.22	4260185.3	0.012388	0.012889	0.012889	0.00258
524254.22	4260185.3	0.016402	0.017079	0.017079	0.00342
524269.22	4260185.3	0.02226	0.023191	0.023191	0.00464
524134.22	4260200.3	0.003216	0.003331	0.003331	0.00067
524149.22	4260200.3	0.003774	0.003912	0.003912	0.00078
524164.22	4260200.3	0.004486	0.004653	0.004653	0.00093
524179.22	4260200.3	0.005405	0.00561	0.00561	0.00112
524194.22	4260200.3	0.00665	0.006907	0.006907	0.00138
524209.22	4260200.3	0.008337	0.008668	0.008668	0.00173
524224.22	4260200.3	0.010571	0.010999	0.010999	0.00220
524239.22	4260200.3	0.01363	0.014191	0.014191	0.00284
524254.22	4260200.3	0.01792	0.018666	0.018666	0.00373
524269.22	4260200.3	0.024098	0.025114	0.025114	0.00502
524134.22	4260215.3	0.003612	0.003746	0.003746	0.00075
524149.22	4260215.3	0.004236	0.004396	0.004396	0.00088
524164.22	4260215.3	0.005028	0.00522	0.00522	0.00104
524179.22	4260215.3	0.006038	0.006274	0.006274	0.00125
524194.22	4260215.3	0.007413	0.007707	0.007707	0.00154
524209.22	4260215.3	0.009256	0.00963	0.00963	0.00193
524224.22	4260215.3	0.011678	0.012157	0.012157	0.00243
524239.22	4260215.3	0.014884	0.015501	0.015501	0.00310
524254.22	4260215.3	0.01933	0.02014	0.02014	0.00403
524269.22	4260215.3	0.025532	0.026613	0.026613	0.00532
524134.22	4260230.3	0.004017	0.004172	0.004172	0.00083
524149.22	4260230.3	0.004718	0.004902	0.004902	0.00098
524164.22	4260230.3	0.00559	0.005809	0.005809	0.00116
524179.22	4260230.3	0.00668	0.006945	0.006945	0.00139
524194.22	4260230.3	0.008163	0.008493	0.008493	0.00170
524209.22	4260230.3	0.010159	0.010575	0.010575	0.00212
524224.22	4260230.3	0.012706	0.013233	0.013233	0.00265
524239.22	4260230.3	0.01602	0.016691	0.016691	0.00334
524254.22	4260230.3	0.020491	0.021355	0.021355	0.00427
524269.22	4260230.3	0.026503	0.027629	0.027629	0.00553
524134.22	4260245.3	0.004411	0.004585	0.004585	0.00092
524149.22	4260245.3	0.005208	0.005415	0.005415	0.00108
524164.22	4260245.3	0.00616	0.006406	0.006406	0.00128
524179.22	4260245.3	0.0073	0.007596	0.007596	0.00152
524194.22	4260245.3	0.008873	0.009235	0.009235	0.00185
524209.22	4260245.3	0.010989	0.011443	0.011443	0.00229
524224.22	4260245.3	0.013653	0.014222	0.014222	0.00284
524239.22	4260245.3	0.01705	0.017768	0.017768	0.00355
524254.22	4260245.3	0.021471	0.022381	0.022381	0.00448
524269.22	4260245.3	0.02721	0.028368	0.028368	0.00567
524134.22	4260260.3	0.004775	0.004966	0.004966	0.00099
524149.22	4260260.3	0.005671	0.005899	0.005899	0.00118
524164.22	4260260.3	0.006716	0.006989	0.006989	0.00140
524179.22	4260260.3	0.007925	0.008249	0.008249	0.00165
524194.22	4260260.3	0.009554	0.009949	0.009949	0.00199
524209.22	4260260.3	0.011737	0.012227	0.012227	0.00245
524224.22	4260260.3	0.014447	0.015054	0.015054	0.00301
524239.22	4260260.3	0.017831	0.018584	0.018584	0.00372
524254.22	4260260.3	0.022109	0.023048	0.023048	0.00461
524269.22	4260260.3	0.027477	0.028649	0.028649	0.00573
524134.22	4260275.3	0.004999	0.005201	0.005201	0.00104
524149.22	4260275.3	0.006087	0.006334	0.006334	0.00127
524164.22	4260275.3	0.007247	0.007545	0.007545	0.00151
524179.22	4260275.3	0.008578	0.008932	0.008932	0.00179
524194.22	4260275.3	0.010264	0.010692	0.010692	0.00214
524209.22	4260275.3	0.012424	0.012945	0.012945	0.00259
524224.22	4260275.3	0.015088	0.015725	0.015725	0.00314
524239.22	4260275.3	0.01837	0.019148	0.019148	0.00383
524254.22	4260275.3	0.02247	0.023426	0.023426	0.00469
524269.22	4260275.3	0.027504	0.028678	0.028678	0.00574
524134.22	4260290.3	0.005202	0.005415	0.005415	0.00108
524149.22	4260290.3	0.006347	0.006608	0.006608	0.00132
524164.22	4260290.3	0.007688	0.008007	0.008007	0.00160
524179.22	4260290.3	0.009134	0.009514	0.009514	0.00190
524194.22	4260290.3	0.010867	0.011322	0.011322	0.00226
524209.22	4260290.3	0.012984	0.01353	0.01353	0.00271
524224.22	4260290.3	0.015575	0.016234	0.016234	0.00325
524239.22	4260290.3	0.018693	0.019487	0.019487	0.00390
524254.22	4260290.3	0.022557	0.023519	0.023519	0.00470
524269.22	4260290.3	0.027182	0.028344	0.028344	0.00567
524134.22	4260305.3	0.005468	0.005694	0.005694	0.00114
524149.22	4260305.3	0.006581	0.006853	0.006853	0.00137
524164.22	4260305.3	0.008045	0.008381	0.008381	0.00168
524179.22	4260305.3	0.009561	0.009961	0.009961	0.00199
524194.22	4260305.3	0.011344	0.011821	0.011821	0.00236
524209.22	4260305.3	0.013435	0.014002	0.014002	0.00280
524224.22	4260305.3	0.01594	0.016617	0.016617	0.00332
524239.22	4260305.3	0.0189	0.019705	0.019705	0.00394
524254.22	4260305.3	0.022444	0.023403	0.023403	0.00468
524269.22	4260305.3	0.026583	0.027721	0.027721	0.00554
524134.22	4260320.3	0.005713	0.005949	0.005949	0.00119
524149.22	4260320.3	0.00681	0.007094	0.007094	0.00142
524164.22	4260320.3	0.008218	0.008562	0.008562	0.00171
524179.22	4260320.3	0.009859	0.010273	0.010273	0.00205
524194.22	4260320.3	0.011644	0.012136	0.012136	0.00243
524209.22	4260320.3	0.013693	0.014272	0.014272	0.00285
524224.22	4260320.3	0.016082	0.016765	0.016765	0.00335
524239.22	4260320.3	0.018854	0.019657	0.019657	0.00393
524254.22	4260320.3	0.022086	0.023031	0.023031	0.00461
524269.22	4260320.3	0.025757	0.026861	0.026861	0.00537
524134.22	4260335.3	0.005962	0.006211	0.006211	0.00124
524149.22	4260335.3	0.007073	0.007369	0.007369	0.00147
524164.22	4260335.3	0.008467	0.008823	0.008823	0.00176
524179.22	4260335.3	0.010075	0.010499	0.010499	0.00210
524194.22	4260335.3	0.011801	0.0123	0.0123	0.00246
524209.22	4260335.3	0.01375	0.014333	0.014333	0.00287
524224.22	4260335.3	0.015998	0.016679	0.016679	0.00334
524239.22	4260335.3	0.018569	0.019361	0.019361	0.00387
524254.22	4260335.3	0.021518	0.022437	0.022437	0.00449
524269.22	4260335.3	0.024836	0.0259	0.0259	0.00518
524134.22	4260350.3	0.006191	0.00645	0.00645	0.00129
524149.22	4260350.3	0.007307	0.007614	0.007614	0.00152
524164.22	4260350.3	0.008687	0.009052	0.009052	0.00181
524179.22	4260350.3	0.010212	0.010644	0.010644	0.00213
524194.22	4260350.3	0.011861	0.012364	0.012364	0.00247
524209.22	4260350.3	0.013701	0.014284	0.014284	0.00286
524224.22	4260350.3	0.015798	0.016472	0.016472	0.00329
524239.22	4260350.3	0.018169	0.018945	0.018945	0.00379
524254.22	4260350.3	0.020835	0.021727	0.021727	0.00435
524269.22	4260350.3	0.023782	0.024802	0.024802	0.00496
524204.65	4260012.52	0.002417	0.002434	0.002434	0.00049
524203.43	4260005.01	0.002337	0.002355	0.002355	0.00047
524204.65	4259997.73	0.002317	0.00234	0.00234	0.00047
524204.4	4259988.28	0.002266	0.002292	0.002292	0.00046
524189.13	4260004.28	0.002072	0.002065	0.002072	0.00041
524189.37	4259993.85	0.002019	0.002016	0.002019	0.00040
524190.83	4259982.7	0.002003	0.002005	0.002005	0.00040
524246.78	4259946.49	0.003433	0.003539	0.003539	0.00071
524255.34	4259929.66	0.003676	0.003797	0.003797	0.00076
524250.49	4259937.65	0.003533	0.003646	0.003646	0.00073
524232.52	4259935.94	0.002909	0.002988	0.002988	0.00060
524220.54	4259937.94	0.002575	0.002634	0.002634	0.00053
524212.55	4259949.92	0.002394	0.00244	0.00244	0.00049
524206.28	4259957.62	0.002263	0.002297	0.002297	0.00046
524199.43	4259957.05	0.002124	0.002145	0.002145	0.00043
524188.31	4259954.48	0.001935	0.001932	0.001935	0.00039
524196.86	4259946.49	0.002072	0.002088	0.002088	0.00042
524203.71	4259947.63	0.002201	0.00223	0.00223	0.00045
524199.43	4259934.8	0.002114	0.002135	0.002135	0.00043
524206.56	4259925.1	0.002246	0.002279	0.002279	0.00046
524213.12	4259917.68	0.002375	0.00242	0.00242	0.00048
524241.93	4259920.25	0.003153	0.003248	0.003248	0.00065
524215.97	4259907.7	0.002427	0.002476	0.002476	0.00050
524221.11	4259892.3	0.002508	0.002564	0.002564	0.00051
524238.79	4259898.86	0.002957	0.003042	0.003042	0.00061
524238.79	4259907.98	0.003	0.003086	0.003086	0.00062
524237.37	4259884.59	0.002853	0.002931	0.002931	0.00059
524214.83	4259881.17	0.002364	0.002407	0.002407	0.00048
524203.14	4259873.47	0.002159	0.00218	0.00218	0.00044
524198.29	4259867.19	0.002085	0.002095	0.002095	0.00042
524232.8	4259867.19	0.00267	0.002736	0.002736	0.00055
524233.09	4259857.5	0.002632	0.002696	0.002696	0.00054
524235.66	4259852.36	0.002659	0.002724	0.002724	0.00054
524239.65	4259845.51	0.002699	0.002767	0.002767	0.00055
524243.93	4259834.68	0.002715	0.002784	0.002784	0.00056
524250.49	4259823.84	0.002754	0.002827	0.002827	0.00057
524243.64	4259822.12	0.002626	0.00269	0.00269	0.00054
524232.8	4259816.13	0.002413	0.00246	0.00246	0.00049
524225.1	4259826.4	0.002354	0.002395	0.002395	0.00048
524218.26	4259836.67	0.002302	0.002337	0.002337	0.00047
524210.55	4259846.94	0.002217	0.002244	0.002244	0.00045
524202	4259857.5	0.00212	0.002133	0.002133	0.00043
524265.77	4259728.17	0.002161	0.002175	0.002175	0.00043
524273.47	4259713.63	0.002133	0.002145	0.002145	0.00043
524276.89	4259698.51	0.002075	0.002084	0.002084	0.00042
524260.92	4259693.94	0.001988	0.001949	0.001988	0.00040
524251.79	4259711.06	0.002025	0.001975	0.002025	0.00041
524250.65	4259723.04	0.002055	0.002021	0.002055	0.00041
524265.2	4259620.63	0.001776	0.001676	0.001776	0.00036
524284.88	4259588.39	0.001703	0.001624	0.001703	0.00034
524305.71	4259554.73	0.001694	0.001603	0.001694	0.00034
524315.12	4259565	0.0017	0.001663	0.0017	0.00034
524303.99	4259604.08	0.001779	0.00177	0.001779	0.00036
524638.04	4260127.68	0.019948	0.02081	0.02081	0.00416
524645.94	4260114.25	0.017288	0.018034	0.018034	0.00361
524647.12	4260105.17	0.016586	0.017302	0.017302	0.00346
524662.52	4260077.53	0.012483	0.013021	0.013021	0.00260
524692.14	4260053.84	0.008575	0.008944	0.008944	0.00179
524752.55	4260050.68	0.005675	0.005919	0.005919	0.00118
524338.94	4260404.55	0.026818	0.027974	0.027974	0.00559
524441.43	4260403.88	0.029273	0.030537	0.030537	0.00611
524538.99	4260369.97	0.018658	0.019463	0.019463	0.00389
524566.4	4260356.96	0.016742	0.017464	0.017464	0.00349
524530.17	4260389.94	0.017856	0.018627	0.018627	0.00373
524498.28	4260239.21	0.099512	0.103819	0.103819	0.02076
524477.41	4260262.98	0.09694	0.101135	0.101135	0.02023
524494.8	4260256.02	0.087743	0.09154	0.09154	0.01831
524515.67	4260222.4	0.091768	0.09574	0.09574	0.01915
524519.73	4260238.63	0.075102	0.078351	0.078351	0.01567
524519.15	4260249.06	0.068718	0.071691	0.071691	0.01434
524529	4260210.8	0.084645	0.088308	0.088308	0.01766
524535.38	4260221.82	0.07189	0.075001	0.075001	0.01500
524534.22	4260237.47	0.063636	0.06639	0.06639	0.01328
524546.97	4260196.89	0.071407	0.074498	0.074498	0.01490
524546.97	4260211.38	0.065843	0.068692	0.068692	0.01374
524549.87	4260224.14	0.058428	0.060956	0.060956	0.01219
524560.3	4260187.04	0.062259	0.064953	0.064953	0.01299
524569	4260203.85	0.050769	0.052965	0.052965	0.01059
524580.01	4260180.66	0.048671	0.050776	0.050776	0.01016
524580.01	4260198.05	0.045577	0.047548	0.047548	0.00951
524588.13	4260163.27	0.044955	0.046899	0.046899	0.00938
524598.57	4260182.98	0.037659	0.039286	0.039286	0.00786
524596.25	4260169.64	0.0395	0.041208	0.041208	0.00824

Oakmont Emerald Isle

Annual Average PM2.5 (Exhaust + Fugitive Dust)

Tier III
at Sensitive Receptors

Maximum Caner Risk
0.1
BAAQMD threshold of significance
0.3
Exceed thresholds?
No

X (m)	Y (m)	2018 PM2.5 (ug/m3)	2019 PM2.5 (ug/m3)	Max PM2.5 (ug/m3)
524134.22	4260065.3	0.001743	0.001713	0.00174
524149.22	4260065.3	0.002019	0.001959	0.00202
524164.22	4260065.3	0.002271	0.002211	0.00227
524179.22	4260065.3	0.002551	0.002503	0.00255
524194.22	4260065.3	0.002903	0.002866	0.00290
524209.22	4260065.3	0.003346	0.003324	0.00335
524224.22	4260065.3	0.003919	0.003915	0.00392
524239.22	4260065.3	0.004679	0.0047	0.00470
524254.22	4260065.3	0.005712	0.005768	0.00577
524269.22	4260065.3	0.007151	0.007258	0.00726
524134.22	4260080.3	0.001819	0.001813	0.00182
524149.22	4260080.3	0.002078	0.00206	0.00208
524164.22	4260080.3	0.002358	0.002341	0.00236
524179.22	4260080.3	0.002675	0.002671	0.00268
524194.22	4260080.3	0.003067	0.003079	0.00308
524209.22	4260080.3	0.003565	0.003599	0.00360
524224.22	4260080.3	0.004211	0.004272	0.00427
524239.22	4260080.3	0.005077	0.005172	0.00517
524254.22	4260080.3	0.006268	0.006412	0.00641
524269.22	4260080.3	0.007971	0.008182	0.00818
524134.22	4260095.3	0.001915	0.001927	0.00193
524149.22	4260095.3	0.002187	0.002195	0.00220
524164.22	4260095.3	0.002496	0.002509	0.00251
524179.22	4260095.3	0.002862	0.00289	0.00289
524194.22	4260095.3	0.003317	0.003365	0.00336
524209.22	4260095.3	0.003897	0.003971	0.00397
524224.22	4260095.3	0.004658	0.004765	0.00476
524239.22	4260095.3	0.005683	0.005833	0.00583
524254.22	4260095.3	0.007108	0.00732	0.00732
524269.22	4260095.3	0.009185	0.009485	0.00948
524134.22	4260110.3	0.002021	0.002053	0.00205
524149.22	4260110.3	0.002314	0.002347	0.00235
524164.22	4260110.3	0.002669	0.002709	0.00271
524179.22	4260110.3	0.003099	0.003154	0.00315
524194.22	4260110.3	0.003638	0.003717	0.00372
524209.22	4260110.3	0.00433	0.004441	0.00444
524224.22	4260110.3	0.005245	0.005395	0.00540
524239.22	4260110.3	0.006489	0.006693	0.00669
524254.22	4260110.3	0.008237	0.008517	0.00852
524269.22	4260110.3	0.010793	0.011184	0.01118
524134.22	4260125.3	0.002147	0.002193	0.00219
524149.22	4260125.3	0.002472	0.002524	0.00252
524164.22	4260125.3	0.002873	0.002937	0.00294
524179.22	4260125.3	0.003375	0.003457	0.00346
524194.22	4260125.3	0.004015	0.004125	0.00412
524209.22	4260125.3	0.00485	0.004996	0.00500
524224.22	4260125.3	0.005956	0.00615	0.00615
524239.22	4260125.3	0.007476	0.007736	0.00774
524254.22	4260125.3	0.009627	0.00998	0.00998
524269.22	4260125.3	0.012791	0.013281	0.01328
524134.22	4260140.3	0.002287	0.002348	0.00235
524149.22	4260140.3	0.002649	0.002719	0.00272
524164.22	4260140.3	0.003109	0.003194	0.00319
524179.22	4260140.3	0.003693	0.0038	0.00380
524194.22	4260140.3	0.004448	0.004586	0.00459
524209.22	4260140.3	0.005444	0.005625	0.00562
524224.22	4260140.3	0.006779	0.007018	0.00702
524239.22	4260140.3	0.008627	0.008947	0.00895
524254.22	4260140.3	0.011245	0.011678	0.01168
524269.22	4260140.3	0.015107	0.015709	0.01571
524134.22	4260155.3	0.002448	0.002521	0.00252
524149.22	4260155.3	0.002844	0.00293	0.00293
524164.22	4260155.3	0.003366	0.00347	0.00347
524179.22	4260155.3	0.00404	0.004172	0.00417
524194.22	4260155.3	0.004903	0.005071	0.00507
524209.22	4260155.3	0.006049	0.006265	0.00626
524224.22	4260155.3	0.007629	0.007913	0.00791
524239.22	4260155.3	0.009847	0.010227	0.01023
524254.22	4260155.3	0.012983	0.013499	0.01350
524269.22	4260155.3	0.017589	0.018307	0.01831
524134.22	4260170.3	0.00264	0.002725	0.00273
524149.22	4260170.3	0.00308	0.003181	0.00318
524164.22	4260170.3	0.003664	0.003787	0.00379
524179.22	4260170.3	0.004431	0.004586	0.00459
524194.22	4260170.3	0.005416	0.005613	0.00561
524209.22	4260170.3	0.006713	0.006964	0.00696
524224.22	4260170.3	0.008542	0.008872	0.00887
524239.22	4260170.3	0.01112	0.011562	0.01156
524254.22	4260170.3	0.01476	0.01536	0.01536
524269.22	4260170.3	0.020091	0.020923	0.02092
524134.22	4260185.3	0.002903	0.003003	0.00300
524149.22	4260185.3	0.003398	0.003517	0.00352
524164.22	4260185.3	0.004043	0.004188	0.00419
524179.22	4260185.3	0.004887	0.005066	0.00507
524194.22	4260185.3	0.006005	0.006232	0.00623
524209.22	4260185.3	0.007497	0.007789	0.00779
524224.22	4260185.3	0.009536	0.009914	0.00991
524239.22	4260185.3	0.012388	0.012889	0.01289
524254.22	4260185.3	0.016402	0.017079	0.01708
524269.22	4260185.3	0.02226	0.023191	0.02319
524134.22	4260200.3	0.003216	0.003331	0.00333
524149.22	4260200.3	0.003774	0.003912	0.00391
524164.22	4260200.3	0.004486	0.004653	0.00465
524179.22	4260200.3	0.005405	0.00561	0.00561
524194.22	4260200.3	0.00665	0.006907	0.00691
524209.22	4260200.3	0.008337	0.008668	0.00867
524224.22	4260200.3	0.010571	0.010999	0.01100
524239.22	4260200.3	0.01363	0.014191	0.01419
524254.22	4260200.3	0.01792	0.018666	0.01867
524269.22	4260200.3	0.024098	0.025114	0.02511
524134.22	4260215.3	0.003612	0.003746	0.00375
524149.22	4260215.3	0.004236	0.004396	0.00440
524164.22	4260215.3	0.005028	0.00522	0.00522
524179.22	4260215.3	0.006038	0.006274	0.00627
524194.22	4260215.3	0.007413	0.007707	0.00771
524209.22	4260215.3	0.009256	0.00963	0.00963
524224.22	4260215.3	0.011678	0.012157	0.01216
524239.22	4260215.3	0.014884	0.015501	0.01550
524254.22	4260215.3	0.01933	0.02014	0.02014
524269.22	4260215.3	0.025532	0.026613	0.02661
524134.22	4260230.3	0.004017	0.004172	0.00417
524149.22	4260230.3	0.004718	0.004902	0.00490
524164.22	4260230.3	0.00559	0.005809	0.00581
524179.22	4260230.3	0.00668	0.006945	0.00695
524194.22	4260230.3	0.008163	0.008493	0.00849
524209.22	4260230.3	0.010159	0.010575	0.01058
524224.22	4260230.3	0.012706	0.013233	0.01323
524239.22	4260230.3	0.01602	0.016691	0.01669
524254.22	4260230.3	0.020491	0.021355	0.02135
524269.22	4260230.3	0.026503	0.027629	0.02763
524134.22	4260245.3	0.004411	0.004585	0.00458
524149.22	4260245.3	0.005208	0.005415	0.00541
524164.22	4260245.3	0.00616	0.006406	0.00641
524179.22	4260245.3	0.0073	0.007596	0.00760
524194.22	4260245.3	0.008873	0.009235	0.00923
524209.22	4260245.3	0.010989	0.011443	0.01144
524224.22	4260245.3	0.013653	0.014222	0.01422
524239.22	4260245.3	0.01705	0.017768	0.01777
524254.22	4260245.3	0.021471	0.022381	0.02238
524269.22	4260245.3	0.02721	0.028368	0.02837
524134.22	4260260.3	0.004775	0.004966	0.00497
524149.22	4260260.3	0.005671	0.005899	0.00590
524164.22	4260260.3	0.006716	0.006989	0.00699
524179.22	4260260.3	0.007925	0.008249	0.00825
524194.22	4260260.3	0.009554	0.009949	0.00995
524209.22	4260260.3	0.011737	0.012227	0.01223
524224.22	4260260.3	0.014447	0.015054	0.01505
524239.22	4260260.3	0.017831	0.018584	0.01858
524254.22	4260260.3	0.022109	0.023048	0.02305
524269.22	4260260.3	0.027477	0.028649	0.02865
524134.22	4260275.3	0.004999	0.005201	0.00520
524149.22	4260275.3	0.006087	0.006334	0.00633
524164.22	4260275.3	0.007247	0.007545	0.00755
524179.22	4260275.3	0.008578	0.008932	0.00893
524194.22	4260275.3	0.010264	0.010692	0.01069
524209.22	4260275.3	0.012424	0.012945	0.01295
524224.22	4260275.3	0.015088	0.015725	0.01572
524239.22	4260275.3	0.01837	0.019148	0.01915
524254.22	4260275.3	0.02247	0.023426	0.02343
524269.22	4260275.3	0.027504	0.028678	0.02868
524134.22	4260290.3	0.005202	0.005415	0.00541
524149.22	4260290.3	0.006347	0.006608	0.00661
524164.22	4260290.3	0.007688	0.008007	0.00801
524179.22	4260290.3	0.009134	0.009514	0.00951
524194.22	4260290.3	0.010867	0.011322	0.01132
524209.22	4260290.3	0.012984	0.01353	0.01353
524224.22	4260290.3	0.015575	0.016234	0.01623
524239.22	4260290.3	0.018693	0.019487	0.01949
524254.22	4260290.3	0.022557	0.023519	0.02352
524269.22	4260290.3	0.027182	0.028344	0.02834
524134.22	4260305.3	0.005468	0.005694	0.00569
524149.22	4260305.3	0.006581	0.006853	0.00685
524164.22	4260305.3	0.008045	0.008381	0.00838
524179.22	4260305.3	0.009561	0.009961	0.00996
524194.22	4260305.3	0.011344	0.011821	0.01182
524209.22	4260305.3	0.013435	0.014002	0.01400
524224.22	4260305.3	0.01594	0.016617	0.01662
524239.22	4260305.3	0.0189	0.019705	0.01971
524254.22	4260305.3	0.022444	0.023403	0.02340
524269.22	4260305.3	0.026583	0.027721	0.02772
524134.22	4260320.3	0.005713	0.005949	0.00595
524149.22	4260320.3	0.00681	0.007094	0.00709
524164.22	4260320.3	0.008218	0.008562	0.00856
524179.22	4260320.3	0.009859	0.010273	0.01027
524194.22	4260320.3	0.011644	0.012136	0.01214
524209.22	4260320.3	0.013693	0.014272	0.01427
524224.22	4260320.3	0.016082	0.016765	0.01676
524239.22	4260320.3	0.018854	0.019657	0.01966
524254.22	4260320.3	0.022086	0.023031	0.02303
524269.22	4260320.3	0.025757	0.026861	0.02686
524134.22	4260335.3	0.005962	0.006211	0.00621
524149.22	4260335.3	0.007073	0.007369	0.00737
524164.22	4260335.3	0.008467	0.008823	0.00882
524179.22	4260335.3	0.010075	0.010499	0.01050
524194.22	4260335.3	0.011801	0.0123	0.01230
524209.22	4260335.3	0.01375	0.014333	0.01433
524224.22	4260335.3	0.015998	0.016679	0.01668
524239.22	4260335.3	0.018569	0.019361	0.01936
524254.22	4260335.3	0.021518	0.022437	0.02244
524269.22	4260335.3	0.024836	0.0259	0.02590
524134.22	4260350.3	0.006191	0.00645	0.00645
524149.22	4260350.3	0.007307	0.007614	0.00761
524164.22	4260350.3	0.008687	0.009052	0.00905
524179.22	4260350.3	0.010212	0.010644	0.01064
524194.22	4260350.3	0.011861	0.012364	0.01236
524209.22	4260350.3	0.013701	0.014284	0.01428
524224.22	4260350.3	0.015798	0.016472	0.01647
524239.22	4260350.3	0.018169	0.018945	0.01895
524254.22	4260350.3	0.020835	0.021727	0.02173
524269.22	4260350.3	0.023782	0.024802	0.02480
524204.65	4260012.52	0.002417	0.002434	0.00243
524203.43	4260005.01	0.002337	0.002355	0.00235
524204.65	4259997.73	0.002317	0.00234	0.00234
524204.4	4259988.28	0.002266	0.002292	0.00229
524189.13	4260004.28	0.002072	0.002065	0.00207
524189.37	4259993.85	0.002019	0.002016	0.00202
524190.83	4259982.7	0.002003	0.002005	0.00201
524246.78	4259946.49	0.003433	0.003539	0.00354
524255.34	4259929.66	0.003676	0.003797	0.00380
524250.49	4259937.65	0.003533	0.003646	0.00365
524232.52	4259935.94	0.002909	0.002988	0.00299
524220.54	4259937.94	0.002575	0.002634	0.00263
524212.55	4259949.92	0.002394	0.00244	0.00244
524206.28	4259957.62	0.002263	0.002297	0.00230
524199.43	4259957.05	0.002124	0.002145	0.00215
524188.31	4259954.48	0.001935	0.001932	0.00193
524196.86	4259946.49	0.002072	0.002088	0.00209
524203.71	4259947.63	0.002201	0.00223	0.00223
524199.43	4259934.8	0.002114	0.002135	0.00213
524206.56	4259925.1	0.002246	0.002279	0.00228
524213.12	4259917.68	0.002375	0.00242	0.00242
524241.93	4259920.25	0.003153	0.003248	0.00325
524215.97	4259907.7	0.002427	0.002476	0.00248
524221.11	4259892.3	0.002508	0.002564	0.00256
524238.79	4259898.86	0.002957	0.003042	0.00304
524238.79	4259907.98	0.003	0.003086	0.00309
524237.37	4259884.59	0.002853	0.002931	0.00293
524214.83	4259881.17	0.002364	0.002407	0.00241
524203.14	4259873.47	0.002159	0.00218	0.00218
524198.29	4259867.19	0.002085	0.002095	0.00210
524232.8	4259867.19	0.00267	0.002736	0.00274
524233.09	4259857.5	0.002632	0.002696	0.00270
524235.66	4259852.36	0.002659	0.002724	0.00272
524239.65	4259845.51	0.002699	0.002767	0.00277
524243.93	4259834.68	0.002715	0.002784	0.00278
524250.49	4259823.84	0.002754	0.002827	0.00283
524243.64	4259822.12	0.002626	0.00269	0.00269
524232.8	4259816.13	0.002413	0.00246	0.00246
524225.1	4259826.4	0.002354	0.002395	0.00239
524218.26	4259836.67	0.002302	0.002337	0.00234
524210.55	4259846.94	0.002217	0.002244	0.00224
524202	4259857.5	0.00212	0.002133	0.00213
524265.77	4259728.17	0.002161	0.002175	0.00217
524273.47	4259713.63	0.002133	0.002145	0.00214
524276.89	4259698.51	0.002075	0.002084	0.00208
524260.92	4259693.94	0.001988	0.001949	0.00199
524251.79	4259711.06	0.002025	0.001975	0.00203
524250.65	4259723.04	0.002055	0.002021	0.00205
524265.2	4259620.63	0.001776	0.001676	0.00178
524284.88	4259588.39	0.001703	0.001624	0.00170
524305.71	4259554.73	0.001694	0.001603	0.00169
524315.12	4259565	0.0017	0.001663	0.00170
524303.99	4259604.08	0.001779	0.00177	0.00178
524638.04	4260127.68	0.019948	0.02081	0.02081
524645.94	4260114.25	0.017288	0.018034	0.01803
524647.12	4260105.17	0.016586	0.017302	0.01730
524662.52	4260077.53	0.012483	0.013021	0.01302
524692.14	4260053.84	0.008575	0.008944	0.00894
524752.55	4260050.68	0.005675	0.005919	0.00592
524338.94	4260404.55	0.026818	0.027974	0.02797
524441.43	4260403.88	0.029273	0.030537	0.03054
524538.99	4260369.97	0.018658	0.019463	0.01946
524566.4	4260356.96	0.016742	0.017464	0.01746
524530.17	4260389.94	0.017856	0.018627	0.01863
524498.28	4260239.21	0.099512	0.103819	0.10382
524477.41	4260262.98	0.09694	0.101135	0.10114
524494.8	4260256.02	0.087743	0.09154	0.09154
524515.67	4260222.4	0.091768	0.09574	0.09574
524519.73	4260238.63	0.075102	0.078351	0.07835
524519.15	4260249.06	0.068718	0.071691	0.07169
524529	4260210.8	0.084645	0.088308	0.08831
524535.38	4260221.82	0.07189	0.075001	0.07500
524534.22	4260237.47	0.063636	0.06639	0.06639
524546.97	4260196.89	0.071407	0.074498	0.07450
524546.97	4260211.38	0.065843	0.068692	0.06869
524549.87	4260224.14	0.058428	0.060956	0.06096
524560.3	4260187.04	0.062259	0.064953	0.06495
524569	4260203.85	0.050769	0.052965	0.05296
524580.01	4260180.66	0.048671	0.050776	0.05078
524580.01	4260198.05	0.045577	0.047548	0.04755
524588.13	4260163.27	0.044955	0.046899	0.04690
524598.57	4260182.98	0.037659	0.039286	0.03929
524596.25	4260169.64	0.0395	0.041208	0.04121

Oakmont Emerald Isle

Tier IV

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Construction Scheduling	**2018**		
	8	hours/day	
	5	days/week	
	43	weeks/year	*start from 3/1/2018
	1720	hours/year	

Onsite Construction Area Source Size (m2): 20898.3 from AERMOD

Onsite Construction PM2.5 Emissions

2018

Construction Activity	**Onsite Annual DPM Exhaust Emissions (tons/year)**	**Onsite Annual DPM Exhaust Emissions (g/sec)**	**Onsite DPM Source Exhaust Emissions (g/m2-sec)**
Site Preparation	1.600E-04	2.346E-05	1.123E-09
Grading	1.090E-03	1.598E-04	7.648E-09
Underground Utilities	8.200E-04	1.202E-04	5.754E-09
Building Construction	1.140E-02	1.672E-03	7.999E-08
Total	**1.347E-02**	**1.975E-03**	**9.452E-08**

Offsite Construction Vehicle PM2.5 Emissions

2018

Construction Activity	**Offsite Hauling Annual DPM Exhaust Emissions (tons/year)**	**Offsite Vendor Annual DPM Exhaust Emissions (tons/year)**	**Offsite Workers Annual DPM Exhaust Emissions (tons/year)**	
Site Preparation	0.000E+00	0.000E+00	0.000E+00	
Grading	3.310E-03	0.000E+00	2.000E-05	
Underground Utilities	0.000E+00	0.000E+00	2.000E-05	
Building Construction	0.000E+00	4.500E-04	5.800E-04	
Total (tons/year)	**3.310E-03**	**4.500E-04**	**6.200E-04**	**4.380E-03**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Along Roadway Segment Project>RRBC>US101 (mi)	0.77	0.77	0.77	
Offsite Project Emissions Along Roadway Segment Project>RRBC>US101 (tons/year)	**1.277E-04**	**4.758E-05**	**4.431E-05**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	**2.196E-04**
Total Offsite Project Exhaust Emissions (grams/sec)	**3.220E-05**

Onsite Exhaust Emissions (tons/year)	**1.347E-02**
Total Onsite Emissions (tons/year)	**1.347E-02**
Onsite Exhaust Emissions (g/m2-sec)	**9.452E-08**

Total PM@2.5 Exhaust (tons/year)	1.369E-02

Oakmont Emerald Isle

Tier IV

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Construction Scheduling **2019**

8 hours/day
5 days/week **end at May 3, 2019
17 weeks/year
680 hours/year

Onsite Construction Area Source Size (m2): 20898.30

Onsite Construction PM2.5 Emissions

2019	Onsite	Onsite	Onsite DPM
Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
Building Construction	5.430E-03	2.014E-03	9.637E-08
Paving	4.600E-04	1.706E-04	8.164E-09
Architectural Coating	4.000E-05	1.484E-05	7.099E-10
Total	**5.930E-03**	**2.200E-03**	**1.052E-07**

Offsite Construction Vehicle PM2.5 Emissions

2019	Offsite Hauling	Offsite Vendor	Offsite Workers	
	Annual DPM	**Annual DPM**	**Annual DPM**	
Construction Activity	**Exhaust Emissions**	**Exhaust Emissions**	**Exhaust Emissions**	
	(tons/year)	**(tons/year)**	**(tons/year)**	
Building Construction	0.000E+00	1.900E-04	2.900E-04	
Paving	0.000E+00	0.000E+00	2.000E-05	
Architectural Coating	0.000E+00	0.000E+00	7.000E-05	
Total (tons/year)	**0.000E+00**	**1.900E-04**	**3.800E-04**	**5.700E-04**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Project>Dry Creek Road>US101 (mi)	0.77	0.77	0.77	
Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**2.009E-05**	**2.716E-05**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**4.724E-05**
Offsite Project Exhaust Emissions (grams/sec)	**1.752E-05**
Offsite Project Fugitive Emissions (tons/year)	**0.000E+00**
Offsite Project Fugitive Emissions (grams/sec)	**0.000E+00**

Onsite Exhaust Emissions (tons/year)	**5.930E-03**
Total Onsite Emissions (tons/year)	**5.930E-03**
Onsite Exhaust Emissions (g/m2-sec)	**1.052E-07**

Total PM@2.5 Exhaust (tons/year)	5.977E-03
Total PM2.5 (tons/year)	**5.977E-03**

Oakmont Emerald Isle

2018 **Tier IV** **At Sensitive Receptors**

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Annual Average Onsite DPM Exhaust Emission Rate: 9.45174E-08
Annual Average Offsite DPM Exhaust Emission Rate: 3.22045E-05

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
524134.22	4260065.3	0.21757	0.00021	0.00066	2.12550E-04	0.00042
524149.22	4260065.3	0.24485	0.00023	0.00092	2.96282E-04	0.00053
524164.22	4260065.3	0.27751	0.00026	0.00099	3.18825E-04	0.00058
524179.22	4260065.3	0.3173	0.00030	0.00099	3.18825E-04	0.00062
524194.22	4260065.3	0.36632	0.00035	0.00101	3.25266E-04	0.00067
524209.22	4260065.3	0.428	0.00040	0.00104	3.34927E-04	0.00074
524224.22	4260065.3	0.50755	0.00048	0.00108	3.47809E-04	0.00083
524239.22	4260065.3	0.61335	0.00058	0.00113	3.63911E-04	0.00094
524254.22	4260065.3	0.75734	0.00072	0.00119	3.83234E-04	0.00110
524269.22	4260065.3	0.95864	0.00091	0.00126	4.05777E-04	0.00131
524134.22	4260080.3	0.23428	0.00022	0.00053	1.70684E-04	0.00039
524149.22	4260080.3	0.26466	0.00025	0.00067	2.15770E-04	0.00047
524164.22	4260080.3	0.3012	0.00028	0.00074	2.38313E-04	0.00052
524179.22	4260080.3	0.34591	0.00033	0.00075	2.41534E-04	0.00057
524194.22	4260080.3	0.40157	0.00038	0.00075	2.41534E-04	0.00062
524209.22	4260080.3	0.47231	0.00045	0.00075	2.41534E-04	0.00069
524224.22	4260080.3	0.56376	0.00053	0.00076	2.44754E-04	0.00078
524239.22	4260080.3	0.68592	0.00065	0.00078	2.51195E-04	0.00090
524254.22	4260080.3	0.85432	0.00081	0.00080	2.57636E-04	0.00107
524269.22	4260080.3	1.09449	0.00103	0.00084	2.70518E-04	0.00131
524134.22	4260095.3	0.25205	0.00024	0.00044	1.41700E-04	0.00038
524149.22	4260095.3	0.28615	0.00027	0.00054	1.73904E-04	0.00044
524164.22	4260095.3	0.3277	0.00031	0.00059	1.90007E-04	0.00050
524179.22	4260095.3	0.37935	0.00036	0.00060	1.93227E-04	0.00055
524194.22	4260095.3	0.44405	0.00042	0.00060	1.93227E-04	0.00061
524209.22	4260095.3	0.52689	0.00050	0.00059	1.90007E-04	0.00069
524224.22	4260095.3	0.63499	0.00060	0.00059	1.90007E-04	0.00079
524239.22	4260095.3	0.78033	0.00074	0.00060	1.93227E-04	0.00093
524254.22	4260095.3	0.98282	0.00093	0.00060	1.93227E-04	0.00112
524269.22	4260095.3	1.27749	0.00121	0.00061	1.96448E-04	0.00140
524134.22	4260110.3	0.27129	0.00026	0.00035	1.12716E-04	0.00037
524149.22	4260110.3	0.30966	0.00029	0.00042	1.35259E-04	0.00043
524164.22	4260110.3	0.35784	0.00034	0.00047	1.51361E-04	0.00049
524179.22	4260110.3	0.418	0.00040	0.00049	1.57802E-04	0.00055
524194.22	4260110.3	0.49461	0.00047	0.00049	1.57802E-04	0.00063
524209.22	4260110.3	0.59345	0.00056	0.00048	1.54582E-04	0.00072
524224.22	4260110.3	0.72351	0.00068	0.00048	1.54582E-04	0.00084
524239.22	4260110.3	0.90031	0.00085	0.00048	1.54582E-04	0.00101
524254.22	4260110.3	1.14882	0.00109	0.00048	1.54582E-04	0.00124
524269.22	4260110.3	1.51209	0.00143	0.00048	1.54582E-04	0.00158
524134.22	4260125.3	0.29185	0.00028	0.00029	9.33931E-05	0.00037
524149.22	4260125.3	0.33572	0.00032	0.00034	1.09495E-04	0.00043
524164.22	4260125.3	0.391	0.00037	0.00038	1.22377E-04	0.00049
524179.22	4260125.3	0.46144	0.00044	0.00040	1.28818E-04	0.00056
524194.22	4260125.3	0.55233	0.00052	0.00040	1.28818E-04	0.00065
524209.22	4260125.3	0.67098	0.00063	0.00040	1.28818E-04	0.00076
524224.22	4260125.3	0.82823	0.00078	0.00040	1.28818E-04	0.00091
524239.22	4260125.3	1.04426	0.00099	0.00040	1.28818E-04	0.00112
524254.22	4260125.3	1.34996	0.00128	0.00040	1.28818E-04	0.00140
524269.22	4260125.3	1.79972	0.00170	0.00040	1.28818E-04	0.00183
524134.22	4260140.3	0.31406	0.00030	0.00024	7.72908E-05	0.00037
524149.22	4260140.3	0.36374	0.00034	0.00028	9.01726E-05	0.00043
524164.22	4260140.3	0.42771	0.00040	0.00031	9.98340E-05	0.00050
524179.22	4260140.3	0.50983	0.00048	0.00033	1.06275E-04	0.00059
524194.22	4260140.3	0.61661	0.00058	0.00034	1.09495E-04	0.00069
524209.22	4260140.3	0.75814	0.00072	0.00034	1.09495E-04	0.00083
524224.22	4260140.3	0.9479	0.00090	0.00034	1.09495E-04	0.00101
524239.22	4260140.3	1.21063	0.00114	0.00034	1.09495E-04	0.00125
524254.22	4260140.3	1.58271	0.00150	0.00034	1.09495E-04	0.00161
524269.22	4260140.3	2.13206	0.00202	0.00033	1.06275E-04	0.00212
524134.22	4260155.3	0.33839	0.00032	0.00021	6.76295E-05	0.00039
524149.22	4260155.3	0.39363	0.00037	0.00023	7.40704E-05	0.00045
524164.22	4260155.3	0.46649	0.00044	0.00026	8.37317E-05	0.00052
524179.22	4260155.3	0.5619	0.00053	0.00027	8.69522E-05	0.00062
524194.22	4260155.3	0.68411	0.00065	0.00028	9.01726E-05	0.00074
524209.22	4260155.3	0.84649	0.00080	0.00029	9.33931E-05	0.00089
524224.22	4260155.3	1.07098	0.00101	0.00029	9.33931E-05	0.00111
524239.22	4260155.3	1.38626	0.00131	0.00029	9.33931E-05	0.00140
524254.22	4260155.3	1.83195	0.00173	0.00029	9.33931E-05	0.00182
524269.22	4260155.3	2.48712	0.00235	0.00028	9.01726E-05	0.00244
524134.22	4260170.3	0.36692	0.00035	0.00018	5.79681E-05	0.00040
524149.22	4260170.3	0.42859	0.00041	0.00020	6.44090E-05	0.00047
524164.22	4260170.3	0.51067	0.00048	0.00022	7.08499E-05	0.00055
524179.22	4260170.3	0.61926	0.00059	0.00023	7.40704E-05	0.00066
524194.22	4260170.3	0.75885	0.00072	0.00024	7.72908E-05	0.00079
524209.22	4260170.3	0.94274	0.00089	0.00025	8.05113E-05	0.00097
524224.22	4260170.3	1.20257	0.00114	0.00025	8.05113E-05	0.00122
524239.22	4260170.3	1.56904	0.00148	0.00025	8.05113E-05	0.00156
524254.22	4260170.3	2.08643	0.00197	0.00025	8.05113E-05	0.00205
524269.22	4260170.3	2.8445	0.00269	0.00024	7.72908E-05	0.00277
524134.22	4260185.3	0.4053	0.00038	0.00016	5.15272E-05	0.00043
524149.22	4260185.3	0.47478	0.00045	0.00018	5.79681E-05	0.00051
524164.22	4260185.3	0.56596	0.00053	0.00019	6.11886E-05	0.00060
524179.22	4260185.3	0.6854	0.00065	0.00020	6.44090E-05	0.00071
524194.22	4260185.3	0.84389	0.00080	0.00021	6.76295E-05	0.00087
524209.22	4260185.3	1.05598	0.00100	0.00021	6.76295E-05	0.00107
524224.22	4260185.3	1.34529	0.00127	0.00022	7.08499E-05	0.00134
524239.22	4260185.3	1.7506	0.00165	0.00022	7.08499E-05	0.00173
524254.22	4260185.3	2.32158	0.00219	0.00021	6.76295E-05	0.00226
524269.22	4260185.3	3.15415	0.00298	0.00021	6.76295E-05	0.00305
524134.22	4260200.3	0.45017	0.00043	0.00015	4.83068E-05	0.00047
524149.22	4260200.3	0.52905	0.00050	0.00016	5.15272E-05	0.00055
524164.22	4260200.3	0.62984	0.00060	0.00017	5.47477E-05	0.00065
524179.22	4260200.3	0.75995	0.00072	0.00018	5.79681E-05	0.00078
524194.22	4260200.3	0.93641	0.00089	0.00019	6.11886E-05	0.00095
524209.22	4260200.3	1.17623	0.00111	0.00019	6.11886E-05	0.00117
524224.22	4260200.3	1.49381	0.00141	0.00019	6.11886E-05	0.00147
524239.22	4260200.3	1.9286	0.00182	0.00019	6.11886E-05	0.00188
524254.22	4260200.3	2.5383	0.00240	0.00019	6.11886E-05	0.00246
524269.22	4260200.3	3.41685	0.00323	0.00018	5.79681E-05	0.00329
524134.22	4260215.3	0.50696	0.00048	0.00014	4.50863E-05	0.00052
524149.22	4260215.3	0.59524	0.00056	0.00015	4.83068E-05	0.00061
524164.22	4260215.3	0.70733	0.00067	0.00016	5.15272E-05	0.00072
524179.22	4260215.3	0.85081	0.00080	0.00016	5.15272E-05	0.00086
524194.22	4260215.3	1.04578	0.00099	0.00017	5.47477E-05	0.00104
524209.22	4260215.3	1.30779	0.00124	0.00017	5.47477E-05	0.00129
524224.22	4260215.3	1.65196	0.00156	0.00017	5.47477E-05	0.00162
524239.22	4260215.3	2.10761	0.00199	0.00017	5.47477E-05	0.00205
524254.22	4260215.3	2.73953	0.00259	0.00017	5.47477E-05	0.00264
524269.22	4260215.3	3.62148	0.00342	0.00016	5.15272E-05	0.00347
524134.22	4260230.3	0.56541	0.00053	0.00012	3.86454E-05	0.00057
524149.22	4260230.3	0.66468	0.00063	0.00013	4.18659E-05	0.00067
524164.22	4260230.3	0.78803	0.00074	0.00014	4.50863E-05	0.00079
524179.22	4260230.3	0.94253	0.00089	0.00015	4.83068E-05	0.00094
524194.22	4260230.3	1.15338	0.00109	0.00015	4.83068E-05	0.00114
524209.22	4260230.3	1.43703	0.00136	0.00015	4.83068E-05	0.00141
524224.22	4260230.3	1.7991	0.00170	0.00015	4.83068E-05	0.00175
524239.22	4260230.3	2.27011	0.00215	0.00015	4.83068E-05	0.00219
524254.22	4260230.3	2.90549	0.00275	0.00015	4.83068E-05	0.00279
524269.22	4260230.3	3.76042	0.00355	0.00014	4.50863E-05	0.00360
524134.22	4260245.3	0.62194	0.00059	0.00011	3.54250E-05	0.00062
524149.22	4260245.3	0.73478	0.00069	0.00012	3.86454E-05	0.00073
524164.22	4260245.3	0.86958	0.00082	0.00013	4.18659E-05	0.00086
524179.22	4260245.3	1.03166	0.00098	0.00013	4.18659E-05	0.00102
524194.22	4260245.3	1.25467	0.00119	0.00014	4.50863E-05	0.00123
524209.22	4260245.3	1.55549	0.00147	0.00014	4.50863E-05	0.00152
524224.22	4260245.3	1.93407	0.00183	0.00014	4.50863E-05	0.00187
524239.22	4260245.3	2.41734	0.00228	0.00013	4.18659E-05	0.00233
524254.22	4260245.3	3.04572	0.00288	0.00013	4.18659E-05	0.00292
524269.22	4260245.3	3.86134	0.00365	0.00013	4.18659E-05	0.00369
524134.22	4260260.3	0.67408	0.00064	0.00010	3.22045E-05	0.00067
524149.22	4260260.3	0.80097	0.00076	0.00011	3.54250E-05	0.00079
524164.22	4260260.3	0.94951	0.00090	0.00011	3.54250E-05	0.00093
524179.22	4260260.3	1.12084	0.00106	0.00012	3.86454E-05	0.00110
524194.22	4260260.3	1.35248	0.00128	0.00012	3.86454E-05	0.00132
524209.22	4260260.3	1.66274	0.00157	0.00012	3.86454E-05	0.00161
524224.22	4260260.3	2.04791	0.00194	0.00012	3.86454E-05	0.00197
524239.22	4260260.3	2.52877	0.00239	0.00012	3.86454E-05	0.00243
524254.22	4260260.3	3.13684	0.00296	0.00012	3.86454E-05	0.00300
524269.22	4260260.3	3.89985	0.00369	0.00012	3.86454E-05	0.00372
524134.22	4260275.3	0.70639	0.00067	0.00009	2.89841E-05	0.00070
524149.22	4260275.3	0.8605	0.00081	0.00010	3.22045E-05	0.00085
524164.22	4260275.3	1.02545	0.00097	0.00010	3.22045E-05	0.00100
524179.22	4260275.3	1.21412	0.00115	0.00011	3.54250E-05	0.00118
524194.22	4260275.3	1.45385	0.00137	0.00011	3.54250E-05	0.00141
524209.22	4260275.3	1.76083	0.00166	0.00011	3.54250E-05	0.00170
524224.22	4260275.3	2.13949	0.00202	0.00011	3.54250E-05	0.00206
524239.22	4260275.3	2.60587	0.00246	0.00011	3.54250E-05	0.00250
524254.22	4260275.3	3.1886	0.00301	0.00011	3.54250E-05	0.00305
524269.22	4260275.3	3.90406	0.00369	0.00011	3.54250E-05	0.00373
524134.22	4260290.3	0.73573	0.00070	0.00008	2.57636E-05	0.00072
524149.22	4260290.3	0.89797	0.00085	0.00009	2.89841E-05	0.00088
524164.22	4260290.3	1.08855	0.00103	0.00009	2.89841E-05	0.00106
524179.22	4260290.3	1.29367	0.00122	0.00010	3.22045E-05	0.00125
524194.22	4260290.3	1.53994	0.00146	0.00010	3.22045E-05	0.00149
524209.22	4260290.3	1.84078	0.00174	0.00010	3.22045E-05	0.00177
524224.22	4260290.3	2.20907	0.00209	0.00010	3.22045E-05	0.00212
524239.22	4260290.3	2.65222	0.00251	0.00010	3.22045E-05	0.00254
524254.22	4260290.3	3.2015	0.00303	0.00010	3.22045E-05	0.00306
524269.22	4260290.3	3.85874	0.00365	0.00010	3.22045E-05	0.00368
524134.22	4260305.3	0.77393	0.00073	0.00007	2.25432E-05	0.00075
524149.22	4260305.3	0.93169	0.00088	0.00008	2.57636E-05	0.00091
524164.22	4260305.3	1.13973	0.00108	0.00008	2.57636E-05	0.00110
524179.22	4260305.3	1.35485	0.00128	0.00009	2.89841E-05	0.00131
524194.22	4260305.3	1.60817	0.00152	0.00009	2.89841E-05	0.00155
524209.22	4260305.3	1.90533	0.00180	0.00009	2.89841E-05	0.00183
524224.22	4260305.3	2.2615	0.00214	0.00009	2.89841E-05	0.00217
524239.22	4260305.3	2.6822	0.00254	0.00009	2.89841E-05	0.00256
524254.22	4260305.3	3.18586	0.00301	0.00009	2.89841E-05	0.00304
524269.22	4260305.3	3.77418	0.00357	0.00009	2.89841E-05	0.00360
524134.22	4260320.3	0.80873	0.00076	0.00007	2.25432E-05	0.00079
524149.22	4260320.3	0.96475	0.00091	0.00007	2.25432E-05	0.00093
524164.22	4260320.3	1.16443	0.00110	0.00008	2.57636E-05	0.00113
524179.22	4260320.3	1.39759	0.00132	0.00008	2.57636E-05	0.00135
524194.22	4260320.3	1.65125	0.00156	0.00008	2.57636E-05	0.00159
524209.22	4260320.3	1.94208	0.00184	0.00009	2.89841E-05	0.00186
524224.22	4260320.3	2.28161	0.00216	0.00009	2.89841E-05	0.00219
524239.22	4260320.3	2.6756	0.00253	0.00009	2.89841E-05	0.00256
524254.22	4260320.3	3.13548	0.00296	0.00008	2.57636E-05	0.00299
524269.22	4260320.3	3.65724	0.00346	0.00008	2.57636E-05	0.00348
524134.22	4260335.3	0.84466	0.00080	0.00006	1.93227E-05	0.00082
524149.22	4260335.3	1.00213	0.00095	0.00007	2.25432E-05	0.00097
524164.22	4260335.3	1.20024	0.00113	0.00007	2.25432E-05	0.00116
524179.22	4260335.3	1.42832	0.00135	0.00008	2.57636E-05	0.00138
524194.22	4260335.3	1.67364	0.00158	0.00008	2.57636E-05	0.00161
524209.22	4260335.3	1.95057	0.00184	0.00008	2.57636E-05	0.00187
524224.22	4260335.3	2.27019	0.00215	0.00008	2.57636E-05	0.00217
524239.22	4260335.3	2.63556	0.00249	0.00008	2.57636E-05	0.00252
524254.22	4260335.3	3.05462	0.00289	0.00008	2.57636E-05	0.00291
524269.22	4260335.3	3.52627	0.00333	0.00008	2.57636E-05	0.00336
524134.22	4260350.3	0.8772	0.00083	0.00006	1.93227E-05	0.00085
524149.22	4260350.3	1.03577	0.00098	0.00006	1.93227E-05	0.00100
524164.22	4260350.3	1.23145	0.00116	0.00007	2.25432E-05	0.00119
524179.22	4260350.3	1.44828	0.00137	0.00007	2.25432E-05	0.00139
524194.22	4260350.3	1.68257	0.00159	0.00007	2.25432E-05	0.00161
524209.22	4260350.3	1.94417	0.00184	0.00007	2.25432E-05	0.00186
524224.22	4260350.3	2.24221	0.00212	0.00007	2.25432E-05	0.00214
524239.22	4260350.3	2.57914	0.00244	0.00007	2.25432E-05	0.00246
524254.22	4260350.3	2.95805	0.00280	0.00007	2.25432E-05	0.00282
524269.22	4260350.3	3.37698	0.00319	0.00007	2.25432E-05	0.00321
524204.65	4260012.52	0.31841	0.00030	0.00055	1.77125E-04	0.00048
524203.43	4260005.01	0.30836	0.00029	0.00052	1.67463E-04	0.00046
524204.65	4259997.73	0.3073	0.00029	0.00048	1.54582E-04	0.00045
524204.4	4259988.28	0.30147	0.00028	0.00045	1.44920E-04	0.00043
524189.13	4260004.28	0.26697	0.00025	0.00060	1.93227E-04	0.00045
524189.37	4259993.85	0.26126	0.00025	0.00056	1.80345E-04	0.00043
524190.83	4259982.7	0.26049	0.00025	0.00053	1.70684E-04	0.00042
524246.78	4259946.49	0.47596	0.00045	0.00026	8.37317E-05	0.00053
524255.34	4259929.66	0.51151	0.00048	0.00024	7.72908E-05	0.00056
524250.49	4259937.65	0.49065	0.00046	0.00025	8.05113E-05	0.00054
524232.52	4259935.94	0.40012	0.00038	0.00029	9.33931E-05	0.00047
524220.54	4259937.94	0.35094	0.00033	0.00033	1.06275E-04	0.00044
524212.55	4259949.92	0.32376	0.00031	0.00036	1.15936E-04	0.00042
524206.28	4259957.62	0.30335	0.00029	0.00040	1.28818E-04	0.00042
524199.43	4259957.05	0.2817	0.00027	0.00044	1.41700E-04	0.00041
524188.31	4259954.48	0.25028	0.00024	0.00054	1.73904E-04	0.00041
524196.86	4259946.49	0.27341	0.00026	0.00046	1.48141E-04	0.00041
524203.71	4259947.63	0.29404	0.00028	0.00041	1.32039E-04	0.00041
524199.43	4259934.8	0.28033	0.00026	0.00044	1.41700E-04	0.00041
524206.56	4259925.1	0.30091	0.00028	0.00040	1.28818E-04	0.00041
524213.12	4259917.68	0.32103	0.00030	0.00036	1.15936E-04	0.00042
524241.93	4259920.25	0.43619	0.00041	0.00026	8.37317E-05	0.00050
524215.97	4259907.7	0.32888	0.00031	0.00035	1.12716E-04	0.00042
524221.11	4259892.3	0.34142	0.00032	0.00033	1.06275E-04	0.00043
524238.79	4259898.86	0.40795	0.00039	0.00027	8.69522E-05	0.00047
524238.79	4259907.98	0.41397	0.00039	0.00027	8.69522E-05	0.00048
524237.37	4259884.59	0.39264	0.00037	0.00028	9.01726E-05	0.00046
524214.83	4259881.17	0.31909	0.00030	0.00037	1.19157E-04	0.00042
524203.14	4259873.47	0.28624	0.00027	0.00045	1.44920E-04	0.00042
524198.29	4259867.19	0.27347	0.00026	0.00050	1.61023E-04	0.00042
524232.8	4259867.19	0.36531	0.00035	0.00031	9.98340E-05	0.00045
524233.09	4259857.5	0.35986	0.00034	0.00031	9.98340E-05	0.00044
524235.66	4259852.36	0.36372	0.00034	0.00031	9.98340E-05	0.00044
524239.65	4259845.51	0.36981	0.00035	0.00030	9.66135E-05	0.00045
524243.93	4259834.68	0.37212	0.00035	0.00030	9.66135E-05	0.00045
524250.49	4259823.84	0.37816	0.00036	0.00029	9.33931E-05	0.00045
524243.64	4259822.12	0.35904	0.00034	0.00031	9.98340E-05	0.00044
524232.8	4259816.13	0.32654	0.00031	0.00036	1.15936E-04	0.00042
524225.1	4259826.4	0.31712	0.00030	0.00038	1.22377E-04	0.00042
524218.26	4259836.67	0.30884	0.00029	0.00040	1.28818E-04	0.00042
524210.55	4259846.94	0.29539	0.00028	0.00043	1.38479E-04	0.00042
524202	4259857.5	0.27883	0.00026	0.00049	1.57802E-04	0.00042
524265.77	4259728.17	0.28432	0.00027	0.00050	1.61023E-04	0.00043
524273.47	4259713.63	0.28025	0.00026	0.00050	1.61023E-04	0.00043
524276.89	4259698.51	0.272	0.00026	0.00050	1.61023E-04	0.00042
524260.92	4259693.94	0.24685	0.00023	0.00078	2.51195E-04	0.00048
524251.79	4259711.06	0.24846	0.00023	0.00086	2.76959E-04	0.00051
524250.65	4259723.04	0.25722	0.00024	0.00076	2.44754E-04	0.00049
524265.2	4259620.63	0.20204	0.00019	0.00110	3.54250E-04	0.00055
524284.88	4259588.39	0.19856	0.00019	0.00095	3.05943E-04	0.00049
524305.71	4259554.73	0.19401	0.00018	0.00102	3.28486E-04	0.00051
524315.12	4259565	0.21004	0.00020	0.00069	2.22211E-04	0.00042
524303.99	4259604.08	0.22817	0.00022	0.00054	1.73904E-04	0.00039
524638.04	4260127.68	2.83432	0.00268	0.00002	6.44090E-06	0.00269
524645.94	4260114.25	2.45624	0.00232	0.00002	6.44090E-06	0.00233
524647.12	4260105.17	2.35648	0.00223	0.00002	6.44090E-06	0.00223
524662.52	4260077.53	1.77325	0.00168	0.00002	6.44090E-06	0.00168
524692.14	4260053.84	1.21786	0.00115	0.00002	6.44090E-06	0.00116
524752.55	4260050.68	0.80613	0.00076	0.00001	3.22045E-06	0.00077
524338.94	4260404.55	3.80975	0.00360	0.00004	1.28818E-05	0.00361
524441.43	4260403.88	4.15918	0.00393	0.00003	9.66135E-06	0.00394
524538.99	4260369.97	2.65092	0.00251	0.00002	6.44090E-06	0.00251
524566.4	4260356.96	2.37859	0.00225	0.00002	6.44090E-06	0.00225
524530.17	4260389.94	2.53701	0.00240	0.00002	6.44090E-06	0.00240
524498.28	4260239.21	14.14181	0.01337	0.00004	1.28818E-05	0.01338
524477.41	4260262.98	13.77617	0.01302	0.00004	1.28818E-05	0.01303
524494.8	4260256.02	12.46909	0.01179	0.00004	1.28818E-05	0.01180
524515.67	4260222.4	13.04118	0.01233	0.00004	1.28818E-05	0.01234
524519.73	4260238.63	10.67239	0.01009	0.00004	1.28818E-05	0.01010
524519.15	4260249.06	9.76543	0.00923	0.00003	9.66135E-06	0.00924
524529	4260210.8	12.02879	0.01137	0.00004	1.28818E-05	0.01138
524535.38	4260221.82	10.21628	0.00966	0.00003	9.66135E-06	0.00967
524534.22	4260237.47	9.04324	0.00855	0.00003	9.66135E-06	0.00856
524546.97	4260196.89	10.1477	0.00959	0.00003	9.66135E-06	0.00960
524546.97	4260211.38	9.35687	0.00884	0.00003	9.66135E-06	0.00885
524549.87	4260224.14	8.30297	0.00785	0.00003	9.66135E-06	0.00786
524560.3	4260187.04	8.84755	0.00836	0.00003	9.66135E-06	0.00837
524569	4260203.85	7.21438	0.00682	0.00003	9.66135E-06	0.00683
524580.01	4260180.66	6.91629	0.00654	0.00003	9.66135E-06	0.00655
524580.01	4260198.05	6.47651	0.00612	0.00003	9.66135E-06	0.00613
524588.13	4260163.27	6.38813	0.00604	0.00003	9.66135E-06	0.00605
524598.57	4260182.98	5.35106	0.00506	0.00003	9.66135E-06	0.00507
524596.25	4260169.64	5.61282	0.00531	0.00003	9.66135E-06	0.00531

Oakmont Emerald Isle   2019   Tier IV   at Sensitive Receptors

Construction Annual DPM Emissions (as PM2.5 Exhaust)

Annual Average Onsite DPM Exhaust Emission Rate: 1.05249E-07 grams/m2/sec

Annual Average Offsite DPM Exhaust Emission Rate: 1.75233E-05 grams/sec

X (m)	Y (m)	Onsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
524134.22	4260065.3	0.21757	0.00023	0.00066	1.15654E-04	0.00034
524149.22	4260065.3	0.24485	0.00026	0.00092	1.61215E-04	0.00042
524164.22	4260065.3	0.27751	0.00029	0.00099	1.73481E-04	0.00047
524179.22	4260065.3	0.3173	0.00033	0.00099	1.73481E-04	0.00051
524194.22	4260065.3	0.36632	0.00039	0.00101	1.76986E-04	0.00056
524209.22	4260065.3	0.428	0.00045	0.00104	1.82243E-04	0.00063
524224.22	4260065.3	0.50755	0.00053	0.00108	1.89252E-04	0.00072
524239.22	4260065.3	0.61335	0.00065	0.00113	1.98014E-04	0.00084
524254.22	4260065.3	0.75734	0.00080	0.00119	2.08528E-04	0.00101
524269.22	4260065.3	0.95864	0.00101	0.00126	2.20794E-04	0.00123
524134.22	4260080.3	0.23428	0.00025	0.00053	9.28736E-05	0.00034
524149.22	4260080.3	0.26466	0.00028	0.00067	1.17406E-04	0.00040
524164.22	4260080.3	0.3012	0.00032	0.00074	1.29673E-04	0.00045
524179.22	4260080.3	0.34591	0.00036	0.00075	1.31425E-04	0.00050
524194.22	4260080.3	0.40157	0.00042	0.00075	1.31425E-04	0.00055
524209.22	4260080.3	0.47231	0.00050	0.00075	1.31425E-04	0.00063
524224.22	4260080.3	0.56376	0.00059	0.00076	1.33177E-04	0.00073
524239.22	4260080.3	0.68592	0.00072	0.00078	1.36682E-04	0.00086
524254.22	4260080.3	0.85432	0.00090	0.00080	1.40187E-04	0.00104
524269.22	4260080.3	1.09449	0.00115	0.00084	1.47196E-04	0.00130
524134.22	4260095.3	0.25205	0.00027	0.00044	7.71026E-05	0.00034
524149.22	4260095.3	0.28615	0.00030	0.00054	9.46260E-05	0.00040
524164.22	4260095.3	0.3277	0.00034	0.00059	1.03388E-04	0.00045
524179.22	4260095.3	0.37935	0.00040	0.00060	1.05140E-04	0.00050
524194.22	4260095.3	0.44405	0.00047	0.00060	1.05140E-04	0.00057
524209.22	4260095.3	0.52689	0.00055	0.00059	1.03388E-04	0.00066
524224.22	4260095.3	0.63499	0.00067	0.00059	1.03388E-04	0.00077
524239.22	4260095.3	0.78033	0.00082	0.00060	1.05140E-04	0.00093
524254.22	4260095.3	0.98282	0.00103	0.00060	1.05140E-04	0.00114
524269.22	4260095.3	1.27749	0.00134	0.00061	1.06892E-04	0.00145
524134.22	4260110.3	0.27129	0.00029	0.00035	6.13316E-05	0.00035
524149.22	4260110.3	0.30966	0.00033	0.00042	7.35980E-05	0.00040
524164.22	4260110.3	0.35784	0.00038	0.00047	8.23596E-05	0.00046
524179.22	4260110.3	0.418	0.00044	0.00049	8.58643E-05	0.00053
524194.22	4260110.3	0.49461	0.00052	0.00049	8.58643E-05	0.00061
524209.22	4260110.3	0.59345	0.00062	0.00048	8.41120E-05	0.00071
524224.22	4260110.3	0.72351	0.00076	0.00048	8.41120E-05	0.00085
524239.22	4260110.3	0.90031	0.00095	0.00048	8.41120E-05	0.00103
524254.22	4260110.3	1.14882	0.00121	0.00048	8.41120E-05	0.00129
524269.22	4260110.3	1.51209	0.00159	0.00048	8.41120E-05	0.00168
524134.22	4260125.3	0.29185	0.00031	0.00029	5.08176E-05	0.00036
524149.22	4260125.3	0.33572	0.00035	0.00034	5.95793E-05	0.00041
524164.22	4260125.3	0.391	0.00041	0.00038	6.65886E-05	0.00048
524179.22	4260125.3	0.46144	0.00049	0.00040	7.00933E-05	0.00056
524194.22	4260125.3	0.55233	0.00058	0.00040	7.00933E-05	0.00065
524209.22	4260125.3	0.67098	0.00071	0.00040	7.00933E-05	0.00078
524224.22	4260125.3	0.82823	0.00087	0.00040	7.00933E-05	0.00094
524239.22	4260125.3	1.04426	0.00110	0.00040	7.00933E-05	0.00117
524254.22	4260125.3	1.34996	0.00142	0.00040	7.00933E-05	0.00149
524269.22	4260125.3	1.79972	0.00189	0.00040	7.00933E-05	0.00196
524134.22	4260140.3	0.31406	0.00033	0.00024	4.20560E-05	0.00037
524149.22	4260140.3	0.36374	0.00038	0.00028	4.90653E-05	0.00043
524164.22	4260140.3	0.42771	0.00045	0.00031	5.43223E-05	0.00050
524179.22	4260140.3	0.50983	0.00054	0.00033	5.78270E-05	0.00059
524194.22	4260140.3	0.61661	0.00065	0.00034	5.95793E-05	0.00071
524209.22	4260140.3	0.75814	0.00080	0.00034	5.95793E-05	0.00086
524224.22	4260140.3	0.9479	0.00100	0.00034	5.95793E-05	0.00106
524239.22	4260140.3	1.21063	0.00127	0.00034	5.95793E-05	0.00133
524254.22	4260140.3	1.58271	0.00167	0.00034	5.95793E-05	0.00173
524269.22	4260140.3	2.13206	0.00224	0.00033	5.78270E-05	0.00230
524134.22	4260155.3	0.33839	0.00036	0.00021	3.67990E-05	0.00039
524149.22	4260155.3	0.39363	0.00041	0.00023	4.03036E-05	0.00045
524164.22	4260155.3	0.46649	0.00049	0.00026	4.55606E-05	0.00054
524179.22	4260155.3	0.5619	0.00059	0.00027	4.73130E-05	0.00064
524194.22	4260155.3	0.68411	0.00072	0.00028	4.90653E-05	0.00077
524209.22	4260155.3	0.84649	0.00089	0.00029	5.08176E-05	0.00094
524224.22	4260155.3	1.07098	0.00113	0.00029	5.08176E-05	0.00118
524239.22	4260155.3	1.38626	0.00146	0.00029	5.08176E-05	0.00151
524254.22	4260155.3	1.83195	0.00193	0.00029	5.08176E-05	0.00198
524269.22	4260155.3	2.48712	0.00262	0.00028	4.90653E-05	0.00267
524134.22	4260170.3	0.36692	0.00039	0.00018	3.15420E-05	0.00042
524149.22	4260170.3	0.42859	0.00045	0.00020	3.50466E-05	0.00049
524164.22	4260170.3	0.51067	0.00054	0.00022	3.85513E-05	0.00058
524179.22	4260170.3	0.61926	0.00065	0.00023	4.03036E-05	0.00069
524194.22	4260170.3	0.75885	0.00080	0.00024	4.20560E-05	0.00084
524209.22	4260170.3	0.94274	0.00099	0.00025	4.38083E-05	0.00104
524224.22	4260170.3	1.20257	0.00127	0.00025	4.38083E-05	0.00131
524239.22	4260170.3	1.56904	0.00165	0.00025	4.38083E-05	0.00170
524254.22	4260170.3	2.08643	0.00220	0.00025	4.38083E-05	0.00224
524269.22	4260170.3	2.8445	0.00299	0.00024	4.20560E-05	0.00304
524134.22	4260185.3	0.4053	0.00043	0.00016	2.80373E-05	0.00045
524149.22	4260185.3	0.47478	0.00050	0.00018	3.15420E-05	0.00053
524164.22	4260185.3	0.56596	0.00060	0.00019	3.32943E-05	0.00063
524179.22	4260185.3	0.6854	0.00072	0.00020	3.50466E-05	0.00076
524194.22	4260185.3	0.84389	0.00089	0.00021	3.67990E-05	0.00092
524209.22	4260185.3	1.05598	0.00111	0.00021	3.67990E-05	0.00115
524224.22	4260185.3	1.34529	0.00142	0.00022	3.85513E-05	0.00145
524239.22	4260185.3	1.7506	0.00184	0.00022	3.85513E-05	0.00188
524254.22	4260185.3	2.32158	0.00244	0.00021	3.67990E-05	0.00248
524269.22	4260185.3	3.15415	0.00332	0.00021	3.67990E-05	0.00336
524134.22	4260200.3	0.45017	0.00047	0.00015	2.62850E-05	0.00050
524149.22	4260200.3	0.52905	0.00056	0.00016	2.80373E-05	0.00058
524164.22	4260200.3	0.62984	0.00066	0.00017	2.97897E-05	0.00069
524179.22	4260200.3	0.75995	0.00080	0.00018	3.15420E-05	0.00083
524194.22	4260200.3	0.93641	0.00099	0.00019	3.32943E-05	0.00102
524209.22	4260200.3	1.17623	0.00124	0.00019	3.32943E-05	0.00127
524224.22	4260200.3	1.49381	0.00157	0.00019	3.32943E-05	0.00161
524239.22	4260200.3	1.9286	0.00203	0.00019	3.32943E-05	0.00206
524254.22	4260200.3	2.5383	0.00267	0.00019	3.32943E-05	0.00270
524269.22	4260200.3	3.41685	0.00360	0.00018	3.15420E-05	0.00363
524134.22	4260215.3	0.50696	0.00053	0.00014	2.45327E-05	0.00056
524149.22	4260215.3	0.59524	0.00063	0.00015	2.62850E-05	0.00065
524164.22	4260215.3	0.70733	0.00074	0.00016	2.80373E-05	0.00077
524179.22	4260215.3	0.85081	0.00090	0.00016	2.80373E-05	0.00092
524194.22	4260215.3	1.04578	0.00110	0.00017	2.97897E-05	0.00113
524209.22	4260215.3	1.30779	0.00138	0.00017	2.97897E-05	0.00141
524224.22	4260215.3	1.65196	0.00174	0.00017	2.97897E-05	0.00177
524239.22	4260215.3	2.10761	0.00222	0.00017	2.97897E-05	0.00225
524254.22	4260215.3	2.73953	0.00288	0.00017	2.97897E-05	0.00291
524269.22	4260215.3	3.62148	0.00381	0.00016	2.80373E-05	0.00384
524134.22	4260230.3	0.56541	0.00060	0.00012	2.10280E-05	0.00062
524149.22	4260230.3	0.66468	0.00070	0.00013	2.27803E-05	0.00072
524164.22	4260230.3	0.78803	0.00083	0.00014	2.45327E-05	0.00085
524179.22	4260230.3	0.94253	0.00099	0.00015	2.62850E-05	0.00102
524194.22	4260230.3	1.15338	0.00121	0.00015	2.62850E-05	0.00124
524209.22	4260230.3	1.43703	0.00151	0.00015	2.62850E-05	0.00154
524224.22	4260230.3	1.7991	0.00189	0.00015	2.62850E-05	0.00192
524239.22	4260230.3	2.27011	0.00239	0.00015	2.62850E-05	0.00242
524254.22	4260230.3	2.90549	0.00306	0.00015	2.62850E-05	0.00308
524269.22	4260230.3	3.76042	0.00396	0.00014	2.45327E-05	0.00398
524134.22	4260245.3	0.62194	0.00065	0.00011	1.92757E-05	0.00067
524149.22	4260245.3	0.73478	0.00077	0.00012	2.10280E-05	0.00079
524164.22	4260245.3	0.86958	0.00092	0.00013	2.27803E-05	0.00094
524179.22	4260245.3	1.03166	0.00109	0.00013	2.27803E-05	0.00111
524194.22	4260245.3	1.25467	0.00132	0.00014	2.45327E-05	0.00135
524209.22	4260245.3	1.55549	0.00164	0.00014	2.45327E-05	0.00166
524224.22	4260245.3	1.93407	0.00204	0.00014	2.45327E-05	0.00206
524239.22	4260245.3	2.41734	0.00254	0.00013	2.27803E-05	0.00257
524254.22	4260245.3	3.04572	0.00321	0.00013	2.27803E-05	0.00323
524269.22	4260245.3	3.86134	0.00406	0.00013	2.27803E-05	0.00409
524134.22	4260260.3	0.67408	0.00071	0.00010	1.75233E-05	0.00073
524149.22	4260260.3	0.80097	0.00084	0.00011	1.92757E-05	0.00086
524164.22	4260260.3	0.94951	0.00100	0.00011	1.92757E-05	0.00102
524179.22	4260260.3	1.12084	0.00118	0.00012	2.10280E-05	0.00120
524194.22	4260260.3	1.35248	0.00142	0.00012	2.10280E-05	0.00144
524209.22	4260260.3	1.66274	0.00175	0.00012	2.10280E-05	0.00177
524224.22	4260260.3	2.04791	0.00216	0.00012	2.10280E-05	0.00218
524239.22	4260260.3	2.52877	0.00266	0.00012	2.10280E-05	0.00268
524254.22	4260260.3	3.13684	0.00330	0.00012	2.10280E-05	0.00332
524269.22	4260260.3	3.89985	0.00410	0.00012	2.10280E-05	0.00413
524134.22	4260275.3	0.70639	0.00074	0.00009	1.57710E-05	0.00076
524149.22	4260275.3	0.8605	0.00091	0.00010	1.75233E-05	0.00092
524164.22	4260275.3	1.02545	0.00108	0.00010	1.75233E-05	0.00110
524179.22	4260275.3	1.21412	0.00128	0.00011	1.92757E-05	0.00130
524194.22	4260275.3	1.45385	0.00153	0.00011	1.92757E-05	0.00155
524209.22	4260275.3	1.76083	0.00185	0.00011	1.92757E-05	0.00187
524224.22	4260275.3	2.13949	0.00225	0.00011	1.92757E-05	0.00227
524239.22	4260275.3	2.60587	0.00274	0.00011	1.92757E-05	0.00276
524254.22	4260275.3	3.1886	0.00336	0.00011	1.92757E-05	0.00338
524269.22	4260275.3	3.90406	0.00411	0.00011	1.92757E-05	0.00413
524134.22	4260290.3	0.73573	0.00077	0.00008	1.40187E-05	0.00079
524149.22	4260290.3	0.89797	0.00095	0.00009	1.57710E-05	0.00096
524164.22	4260290.3	1.08855	0.00115	0.00009	1.57710E-05	0.00116
524179.22	4260290.3	1.29367	0.00136	0.00010	1.75233E-05	0.00138
524194.22	4260290.3	1.53994	0.00162	0.00010	1.75233E-05	0.00164
524209.22	4260290.3	1.84078	0.00194	0.00010	1.75233E-05	0.00195
524224.22	4260290.3	2.20907	0.00233	0.00010	1.75233E-05	0.00234
524239.22	4260290.3	2.65222	0.00279	0.00010	1.75233E-05	0.00281
524254.22	4260290.3	3.2015	0.00337	0.00010	1.75233E-05	0.00339
524269.22	4260290.3	3.85874	0.00406	0.00010	1.75233E-05	0.00408
524134.22	4260305.3	0.77393	0.00081	0.00007	1.22663E-05	0.00083
524149.22	4260305.3	0.93169	0.00098	0.00008	1.40187E-05	0.00099
524164.22	4260305.3	1.13973	0.00120	0.00008	1.40187E-05	0.00121
524179.22	4260305.3	1.35485	0.00143	0.00009	1.57710E-05	0.00144
524194.22	4260305.3	1.60817	0.00169	0.00009	1.57710E-05	0.00171
524209.22	4260305.3	1.90533	0.00201	0.00009	1.57710E-05	0.00202
524224.22	4260305.3	2.2615	0.00238	0.00009	1.57710E-05	0.00240
524239.22	4260305.3	2.6822	0.00282	0.00009	1.57710E-05	0.00284
524254.22	4260305.3	3.18586	0.00335	0.00009	1.57710E-05	0.00337
524269.22	4260305.3	3.77418	0.00397	0.00009	1.57710E-05	0.00399
524134.22	4260320.3	0.80873	0.00085	0.00007	1.22663E-05	0.00086
524149.22	4260320.3	0.96475	0.00102	0.00007	1.22663E-05	0.00103
524164.22	4260320.3	1.16443	0.00123	0.00008	1.40187E-05	0.00124
524179.22	4260320.3	1.39759	0.00147	0.00008	1.40187E-05	0.00148
524194.22	4260320.3	1.65125	0.00174	0.00008	1.40187E-05	0.00175
524209.22	4260320.3	1.94208	0.00204	0.00009	1.57710E-05	0.00206
524224.22	4260320.3	2.28161	0.00240	0.00009	1.57710E-05	0.00242
524239.22	4260320.3	2.6756	0.00282	0.00009	1.57710E-05	0.00283
524254.22	4260320.3	3.13548	0.00330	0.00008	1.40187E-05	0.00331
524269.22	4260320.3	3.65724	0.00385	0.00008	1.40187E-05	0.00386
524134.22	4260335.3	0.84466	0.00089	0.00006	1.05140E-05	0.00090
524149.22	4260335.3	1.00213	0.00105	0.00007	1.22663E-05	0.00107
524164.22	4260335.3	1.20024	0.00126	0.00007	1.22663E-05	0.00128
524179.22	4260335.3	1.42832	0.00150	0.00008	1.40187E-05	0.00152
524194.22	4260335.3	1.67364	0.00176	0.00008	1.40187E-05	0.00178
524209.22	4260335.3	1.95057	0.00205	0.00008	1.40187E-05	0.00207
524224.22	4260335.3	2.27019	0.00239	0.00008	1.40187E-05	0.00240
524239.22	4260335.3	2.63556	0.00277	0.00008	1.40187E-05	0.00279
524254.22	4260335.3	3.05462	0.00321	0.00008	1.40187E-05	0.00323
524269.22	4260335.3	3.52627	0.00371	0.00008	1.40187E-05	0.00373
524134.22	4260350.3	0.8772	0.00092	0.00006	1.05140E-05	0.00093
524149.22	4260350.3	1.03577	0.00109	0.00006	1.05140E-05	0.00110
524164.22	4260350.3	1.23145	0.00130	0.00007	1.22663E-05	0.00131
524179.22	4260350.3	1.44828	0.00152	0.00007	1.22663E-05	0.00154
524194.22	4260350.3	1.68257	0.00177	0.00007	1.22663E-05	0.00178
524209.22	4260350.3	1.94417	0.00205	0.00007	1.22663E-05	0.00206
524224.22	4260350.3	2.24221	0.00236	0.00007	1.22663E-05	0.00237
524239.22	4260350.3	2.57914	0.00271	0.00007	1.22663E-05	0.00273
524254.22	4260350.3	2.95805	0.00311	0.00007	1.22663E-05	0.00313
524269.22	4260350.3	3.37698	0.00355	0.00007	1.22663E-05	0.00357
524204.65	4260012.52	0.31841	0.00034	0.00055	9.63783E-05	0.00043
524203.43	4260005.01	0.30836	0.00032	0.00052	9.11213E-05	0.00042
524204.65	4259997.73	0.3073	0.00032	0.00048	8.41120E-05	0.00041
524204.4	4259988.28	0.30147	0.00032	0.00045	7.88550E-05	0.00040
524189.13	4260004.28	0.26697	0.00028	0.00060	1.05140E-04	0.00039
524189.37	4259993.85	0.26126	0.00027	0.00056	9.81306E-05	0.00037
524190.83	4259982.7	0.26049	0.00027	0.00053	9.28736E-05	0.00037
524246.78	4259946.49	0.47596	0.00050	0.00026	4.55606E-05	0.00055
524255.34	4259929.66	0.51151	0.00054	0.00024	4.20560E-05	0.00058
524250.49	4259937.65	0.49065	0.00052	0.00025	4.38083E-05	0.00056
524232.52	4259935.94	0.40012	0.00042	0.00029	5.08176E-05	0.00047
524220.54	4259937.94	0.35094	0.00037	0.00033	5.78270E-05	0.00043
524212.55	4259949.92	0.32376	0.00034	0.00036	6.30840E-05	0.00040
524206.28	4259957.62	0.30335	0.00032	0.00040	7.00933E-05	0.00039
524199.43	4259957.05	0.2817	0.00030	0.00044	7.71026E-05	0.00037
524188.31	4259954.48	0.25028	0.00026	0.00054	9.46260E-05	0.00036
524196.86	4259946.49	0.27341	0.00029	0.00046	8.06073E-05	0.00037
524203.71	4259947.63	0.29404	0.00031	0.00041	7.18456E-05	0.00038
524199.43	4259934.8	0.28033	0.00030	0.00044	7.71026E-05	0.00037
524206.56	4259925.1	0.30091	0.00032	0.00040	7.00933E-05	0.00039
524213.12	4259917.68	0.32103	0.00034	0.00036	6.30840E-05	0.00040
524241.93	4259920.25	0.43619	0.00046	0.00026	4.55606E-05	0.00050
524215.97	4259907.7	0.32888	0.00035	0.00035	6.13316E-05	0.00041
524221.11	4259892.3	0.34142	0.00036	0.00033	5.78270E-05	0.00042
524238.79	4259898.86	0.40795	0.00043	0.00027	4.73130E-05	0.00048
524238.79	4259907.98	0.41397	0.00044	0.00027	4.73130E-05	0.00048
524237.37	4259884.59	0.39264	0.00041	0.00028	4.90653E-05	0.00046
524214.83	4259881.17	0.31909	0.00034	0.00037	6.48363E-05	0.00040
524203.14	4259873.47	0.28624	0.00030	0.00045	7.88550E-05	0.00038
524198.29	4259867.19	0.27347	0.00029	0.00050	8.76166E-05	0.00038
524232.8	4259867.19	0.36531	0.00038	0.00031	5.43223E-05	0.00044
524233.09	4259857.5	0.35986	0.00038	0.00031	5.43223E-05	0.00043
524235.66	4259852.36	0.36372	0.00038	0.00031	5.43223E-05	0.00044
524239.65	4259845.51	0.36981	0.00039	0.00030	5.25700E-05	0.00044
524243.93	4259834.68	0.37212	0.00039	0.00030	5.25700E-05	0.00044
524250.49	4259823.84	0.37816	0.00040	0.00029	5.08176E-05	0.00045
524243.64	4259822.12	0.35904	0.00038	0.00031	5.43223E-05	0.00043
524232.8	4259816.13	0.32654	0.00034	0.00036	6.30840E-05	0.00041
524225.1	4259826.4	0.31712	0.00033	0.00038	6.65886E-05	0.00040
524218.26	4259836.67	0.30884	0.00033	0.00040	7.00933E-05	0.00040
524210.55	4259846.94	0.29539	0.00031	0.00043	7.53503E-05	0.00039
524202	4259857.5	0.27883	0.00029	0.00049	8.58643E-05	0.00038
524265.77	4259728.17	0.28432	0.00030	0.00050	8.76166E-05	0.00039
524273.47	4259713.63	0.28025	0.00029	0.00050	8.76166E-05	0.00038
524276.89	4259698.51	0.272	0.00029	0.00050	8.76166E-05	0.00037
524260.92	4259693.94	0.24685	0.00026	0.00078	1.36682E-04	0.00040
524251.79	4259711.06	0.24846	0.00026	0.00086	1.50701E-04	0.00041
524250.65	4259723.04	0.25722	0.00027	0.00076	1.33177E-04	0.00040
524265.2	4259620.63	0.20204	0.00021	0.00110	1.92757E-04	0.00041
524284.88	4259588.39	0.19856	0.00021	0.00095	1.66472E-04	0.00038
524305.71	4259554.73	0.19401	0.00020	0.00102	1.78738E-04	0.00038
524315.12	4259565	0.21004	0.00022	0.00069	1.20911E-04	0.00034
524303.99	4259604.08	0.22817	0.00024	0.00054	9.46260E-05	0.00033
524638.04	4260127.68	2.83432	0.00298	0.00002	3.50466E-06	0.00299
524645.94	4260114.25	2.45624	0.00259	0.00002	3.50466E-06	0.00259
524647.12	4260105.17	2.35648	0.00248	0.00002	3.50466E-06	0.00248
524662.52	4260077.53	1.77325	0.00187	0.00002	3.50466E-06	0.00187
524692.14	4260053.84	1.21786	0.00128	0.00002	3.50466E-06	0.00129
524752.55	4260050.68	0.80613	0.00085	0.00001	1.75233E-06	0.00085
524338.94	4260404.55	3.80975	0.00401	0.00004	7.00933E-06	0.00402
524441.43	4260403.88	4.15918	0.00438	0.00003	5.25700E-06	0.00438
524538.99	4260369.97	2.65092	0.00279	0.00002	3.50466E-06	0.00279
524566.4	4260356.96	2.37859	0.00250	0.00002	3.50466E-06	0.00251
524530.17	4260389.94	2.53701	0.00267	0.00002	3.50466E-06	0.00267
524498.28	4260239.21	14.14181	0.01488	0.00004	7.00933E-06	0.01489
524477.41	4260262.98	13.77617	0.01450	0.00004	7.00933E-06	0.01451
524494.8	4260256.02	12.46909	0.01312	0.00004	7.00933E-06	0.01313
524515.67	4260222.4	13.04118	0.01373	0.00004	7.00933E-06	0.01373
524519.73	4260238.63	10.67239	0.01123	0.00004	7.00933E-06	0.01124
524519.15	4260249.06	9.76543	0.01028	0.00003	5.25700E-06	0.01028
524529	4260210.8	12.02879	0.01266	0.00004	7.00933E-06	0.01267
524535.38	4260221.82	10.21628	0.01075	0.00003	5.25700E-06	0.01076
524534.22	4260237.47	9.04324	0.00952	0.00003	5.25700E-06	0.00952
524546.97	4260196.89	10.1477	0.01068	0.00003	5.25700E-06	0.01069
524546.97	4260211.38	9.35687	0.00985	0.00003	5.25700E-06	0.00985
524549.87	4260224.14	8.30297	0.00874	0.00003	5.25700E-06	0.00874
524560.3	4260187.04	8.84755	0.00931	0.00003	5.25700E-06	0.00932
524569	4260203.85	7.21438	0.00759	0.00003	5.25700E-06	0.00760
524580.01	4260180.66	6.91629	0.00728	0.00003	5.25700E-06	0.00728
524580.01	4260198.05	6.47651	0.00682	0.00003	5.25700E-06	0.00682
524588.13	4260163.27	6.38813	0.00672	0.00003	5.25700E-06	0.00673
524598.57	4260182.98	5.35106	0.00563	0.00003	5.25700E-06	0.00564
524596.25	4260169.64	5.61282	0.00591	0.00003	5.25700E-06	0.00591

Oakmont Emerald Isle

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Infant

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	Unit DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
3rd Trimester	1	10	361	0.85	0.25	11.6
1	1	10	1090	0.85	1	139.6
2	1	10	1090	0.85	1	139.6

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle   Tier IV   at Sensitive Recptors

Estimated Cancer Risks from Construction DPM - Infant Receptors

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2018 (/million)	Infant Cancer Risk (year 1) 2018 (/million)	Infant Cancer Risk (year 2) 2019 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.005	0.058	0.048	0.11133
524149.22	4260065.3	0.006	0.074	0.058	0.13826
524164.22	4260065.3	0.007	0.081	0.065	0.15284
524179.22	4260065.3	0.007	0.086	0.071	0.16438
524194.22	4260065.3	0.008	0.094	0.079	0.18005
524209.22	4260065.3	0.009	0.103	0.088	0.20012
524224.22	4260065.3	0.010	0.116	0.101	0.22610
524239.22	4260065.3	0.011	0.132	0.118	0.26042
524254.22	4260065.3	0.013	0.153	0.140	0.30654
524269.22	4260065.3	0.015	0.183	0.172	0.37000
524134.22	4260080.3	0.005	0.055	0.047	0.10667
524149.22	4260080.3	0.005	0.065	0.055	0.12571
524164.22	4260080.3	0.006	0.073	0.062	0.14142
524179.22	4260080.3	0.007	0.079	0.069	0.15511
524194.22	4260080.3	0.007	0.087	0.077	0.17124
524209.22	4260080.3	0.008	0.096	0.088	0.19174
524224.22	4260080.3	0.009	0.109	0.101	0.21898
524239.22	4260080.3	0.010	0.126	0.120	0.25585
524254.22	4260080.3	0.012	0.149	0.145	0.30612
524269.22	4260080.3	0.015	0.182	0.181	0.37865
524134.22	4260095.3	0.004	0.053	0.048	0.10523
524149.22	4260095.3	0.005	0.062	0.055	0.12243
524164.22	4260095.3	0.006	0.070	0.063	0.13813
524179.22	4260095.3	0.006	0.077	0.070	0.15383
524194.22	4260095.3	0.007	0.086	0.080	0.17258
524209.22	4260095.3	0.008	0.096	0.092	0.19586
524224.22	4260095.3	0.009	0.110	0.108	0.22719
524239.22	4260095.3	0.011	0.130	0.129	0.27004
524254.22	4260095.3	0.013	0.157	0.159	0.32873
524269.22	4260095.3	0.016	0.196	0.203	0.41486
524134.22	4260110.3	0.004	0.052	0.048	0.10423
524149.22	4260110.3	0.005	0.060	0.056	0.12047
524164.22	4260110.3	0.006	0.068	0.064	0.13809
524179.22	4260110.3	0.006	0.077	0.073	0.15699
524194.22	4260110.3	0.007	0.087	0.085	0.17919
524209.22	4260110.3	0.008	0.100	0.099	0.20710
524224.22	4260110.3	0.010	0.117	0.118	0.24480
524239.22	4260110.3	0.012	0.140	0.144	0.29604
524254.22	4260110.3	0.014	0.173	0.181	0.36806
524269.22	4260110.3	0.018	0.221	0.234	0.47334
524134.22	4260125.3	0.004	0.052	0.050	0.10580
524149.22	4260125.3	0.005	0.060	0.058	0.12217
524164.22	4260125.3	0.006	0.069	0.067	0.14112
524179.22	4260125.3	0.007	0.079	0.078	0.16299
524194.22	4260125.3	0.008	0.091	0.091	0.18933
524209.22	4260125.3	0.009	0.107	0.108	0.22372
524224.22	4260125.3	0.011	0.127	0.131	0.26930
524239.22	4260125.3	0.013	0.156	0.163	0.33191
524254.22	4260125.3	0.016	0.196	0.208	0.42050
524269.22	4260125.3	0.021	0.255	0.274	0.55085
524134.22	4260140.3	0.004	0.052	0.052	0.10858
524149.22	4260140.3	0.005	0.061	0.060	0.12590
524164.22	4260140.3	0.006	0.070	0.070	0.14663
524179.22	4260140.3	0.007	0.082	0.083	0.17190
524194.22	4260140.3	0.008	0.097	0.099	0.20358
524209.22	4260140.3	0.010	0.115	0.120	0.24459
524224.22	4260140.3	0.012	0.140	0.148	0.29959
524239.22	4260140.3	0.014	0.175	0.186	0.37573
524254.22	4260140.3	0.019	0.224	0.241	0.48357
524269.22	4260140.3	0.025	0.296	0.321	0.64205
524134.22	4260155.3	0.004	0.054	0.055	0.11343
524149.22	4260155.3	0.005	0.062	0.063	0.13091
524164.22	4260155.3	0.006	0.073	0.075	0.15422
524179.22	4260155.3	0.007	0.086	0.089	0.18260
524194.22	4260155.3	0.009	0.103	0.107	0.21875
524209.22	4260155.3	0.010	0.125	0.131	0.26654
524224.22	4260155.3	0.013	0.154	0.164	0.33160
524239.22	4260155.3	0.016	0.196	0.211	0.42298
524254.22	4260155.3	0.021	0.255	0.276	0.55215
524269.22	4260155.3	0.028	0.341	0.372	0.74130
524134.22	4260170.3	0.005	0.057	0.058	0.11951
524149.22	4260170.3	0.005	0.066	0.068	0.13884
524164.22	4260170.3	0.006	0.077	0.080	0.16409
524179.22	4260170.3	0.008	0.092	0.097	0.19630
524194.22	4260170.3	0.009	0.111	0.117	0.23748
524209.22	4260170.3	0.011	0.136	0.145	0.29151
524224.22	4260170.3	0.014	0.170	0.183	0.36681
524239.22	4260170.3	0.018	0.218	0.237	0.47302
524254.22	4260170.3	0.024	0.287	0.313	0.62297
524269.22	4260170.3	0.032	0.386	0.424	0.84194
524134.22	4260185.3	0.005	0.061	0.063	0.12917
524149.22	4260185.3	0.006	0.071	0.074	0.15077
524164.22	4260185.3	0.007	0.083	0.088	0.17792
524179.22	4260185.3	0.008	0.099	0.106	0.21327
524194.22	4260185.3	0.010	0.121	0.129	0.25994
524209.22	4260185.3	0.012	0.149	0.160	0.32140
524224.22	4260185.3	0.016	0.187	0.203	0.40598
524239.22	4260185.3	0.020	0.241	0.263	0.52345
524254.22	4260185.3	0.026	0.316	0.346	0.68820
524269.22	4260185.3	0.035	0.426	0.469	0.92949
524134.22	4260200.3	0.005	0.066	0.070	0.14144
524149.22	4260200.3	0.006	0.077	0.082	0.16503
524164.22	4260200.3	0.008	0.091	0.097	0.19497
524179.22	4260200.3	0.009	0.108	0.116	0.23341
524194.22	4260200.3	0.011	0.132	0.142	0.28529
524209.22	4260200.3	0.014	0.164	0.177	0.35479
524224.22	4260200.3	0.017	0.206	0.224	0.44683
524239.22	4260200.3	0.022	0.263	0.288	0.57284
524254.22	4260200.3	0.028	0.343	0.378	0.74954
524269.22	4260200.3	0.038	0.459	0.506	1.00343
524134.22	4260215.3	0.006	0.073	0.078	0.15717
524149.22	4260215.3	0.007	0.085	0.091	0.18348
524164.22	4260215.3	0.008	0.101	0.108	0.21670
524179.22	4260215.3	0.010	0.119	0.129	0.25828
524194.22	4260215.3	0.012	0.146	0.158	0.31552
524209.22	4260215.3	0.015	0.180	0.196	0.39146
524224.22	4260215.3	0.019	0.226	0.247	0.49120
524239.22	4260215.3	0.024	0.286	0.314	0.62326
524254.22	4260215.3	0.031	0.369	0.407	0.80640
524269.22	4260215.3	0.040	0.485	0.536	1.06128
524134.22	4260230.3	0.007	0.080	0.086	0.17264
524149.22	4260230.3	0.008	0.094	0.101	0.20215
524164.22	4260230.3	0.009	0.110	0.119	0.23863
524179.22	4260230.3	0.011	0.131	0.142	0.28413
524194.22	4260230.3	0.013	0.159	0.173	0.34524
524209.22	4260230.3	0.016	0.196	0.215	0.42745
524224.22	4260230.3	0.020	0.244	0.268	0.53238
524239.22	4260230.3	0.025	0.306	0.337	0.66889
524254.22	4260230.3	0.032	0.390	0.431	0.85304
524269.22	4260230.3	0.042	0.503	0.556	1.10008
524134.22	4260245.3	0.007	0.087	0.094	0.18830
524149.22	4260245.3	0.008	0.102	0.111	0.22173
524164.22	4260245.3	0.010	0.121	0.131	0.26153
524179.22	4260245.3	0.012	0.142	0.155	0.30850
524194.22	4260245.3	0.014	0.172	0.188	0.37387
524209.22	4260245.3	0.018	0.212	0.232	0.46105
524224.22	4260245.3	0.022	0.262	0.288	0.57077
524239.22	4260245.3	0.027	0.325	0.358	0.71010
524254.22	4260245.3	0.034	0.408	0.451	0.89222
524269.22	4260245.3	0.043	0.515	0.571	1.12860
524134.22	4260260.3	0.008	0.093	0.101	0.20268
524149.22	4260260.3	0.009	0.111	0.120	0.24018
524164.22	4260260.3	0.011	0.130	0.142	0.28323
524179.22	4260260.3	0.013	0.153	0.168	0.33362
524194.22	4260260.3	0.015	0.184	0.202	0.40075
524209.22	4260260.3	0.019	0.225	0.247	0.49067
524224.22	4260260.3	0.023	0.276	0.304	0.60230
524239.22	4260260.3	0.028	0.339	0.375	0.74166
524254.22	4260260.3	0.035	0.419	0.464	0.91789
524269.22	4260260.3	0.043	0.520	0.576	1.13903
524134.22	4260275.3	0.008	0.097	0.106	0.21131
524149.22	4260275.3	0.010	0.118	0.129	0.25670
524164.22	4260275.3	0.012	0.140	0.153	0.30451
524179.22	4260275.3	0.014	0.165	0.181	0.35992
524194.22	4260275.3	0.016	0.197	0.216	0.42940
524209.22	4260275.3	0.020	0.237	0.261	0.51837
524224.22	4260275.3	0.024	0.287	0.317	0.62811
524239.22	4260275.3	0.029	0.349	0.386	0.76328
524254.22	4260275.3	0.035	0.426	0.471	0.93216
524269.22	4260275.3	0.043	0.520	0.576	1.13952
524134.22	4260290.3	0.008	0.101	0.110	0.21908
524149.22	4260290.3	0.010	0.123	0.134	0.26683
524164.22	4260290.3	0.012	0.148	0.162	0.32207
524179.22	4260290.3	0.015	0.175	0.193	0.38224
524194.22	4260290.3	0.017	0.208	0.229	0.45362
524209.22	4260290.3	0.020	0.247	0.273	0.54081
524224.22	4260290.3	0.025	0.296	0.327	0.64754
524239.22	4260290.3	0.029	0.354	0.392	0.77598
524254.22	4260290.3	0.035	0.427	0.473	0.93517
524269.22	4260290.3	0.043	0.514	0.569	1.12565
524134.22	4260305.3	0.009	0.105	0.115	0.22942
524149.22	4260305.3	0.010	0.127	0.139	0.27587
524164.22	4260305.3	0.013	0.154	0.169	0.33617
524179.22	4260305.3	0.015	0.183	0.201	0.39924
524194.22	4260305.3	0.018	0.216	0.239	0.47266
524209.22	4260305.3	0.021	0.255	0.282	0.55878
524224.22	4260305.3	0.025	0.302	0.335	0.66201
524239.22	4260305.3	0.030	0.358	0.396	0.78393
524254.22	4260305.3	0.035	0.424	0.470	0.92991
524269.22	4260305.3	0.042	0.502	0.557	1.10041
524134.22	4260320.3	0.009	0.110	0.121	0.23951
524149.22	4260320.3	0.011	0.130	0.143	0.28472
524164.22	4260320.3	0.013	0.157	0.173	0.34333
524179.22	4260320.3	0.016	0.188	0.207	0.41090
524194.22	4260320.3	0.018	0.221	0.245	0.48441
524209.22	4260320.3	0.022	0.260	0.288	0.56943
524224.22	4260320.3	0.025	0.305	0.337	0.66784
524239.22	4260320.3	0.030	0.357	0.395	0.78202
524254.22	4260320.3	0.035	0.417	0.463	0.91457
524269.22	4260320.3	0.040	0.486	0.539	1.06579
524134.22	4260335.3	0.009	0.114	0.126	0.24919
524149.22	4260335.3	0.011	0.135	0.149	0.29556
524164.22	4260335.3	0.013	0.162	0.178	0.35297
524179.22	4260335.3	0.016	0.192	0.212	0.41981
524194.22	4260335.3	0.019	0.224	0.248	0.49090
524209.22	4260335.3	0.022	0.261	0.289	0.57116
524224.22	4260335.3	0.025	0.303	0.336	0.66380
524239.22	4260335.3	0.029	0.351	0.389	0.76969
524254.22	4260335.3	0.034	0.407	0.451	0.89114
524269.22	4260335.3	0.039	0.469	0.520	1.02783
524134.22	4260350.3	0.010	0.118	0.130	0.25862
524149.22	4260350.3	0.012	0.139	0.154	0.30457
524164.22	4260350.3	0.014	0.166	0.183	0.36202
524179.22	4260350.3	0.016	0.194	0.215	0.42486
524194.22	4260350.3	0.019	0.225	0.249	0.49276
524209.22	4260350.3	0.022	0.260	0.287	0.56858
524224.22	4260350.3	0.025	0.299	0.331	0.65495
524239.22	4260350.3	0.028	0.343	0.381	0.75260
524254.22	4260350.3	0.033	0.393	0.436	0.86242
524269.22	4260350.3	0.037	0.449	0.498	0.98383
524204.65	4260012.52	0.006	0.067	0.060	0.13251
524203.43	4260005.01	0.005	0.064	0.058	0.12741
524204.65	4259997.73	0.005	0.062	0.057	0.12417
524204.4	4259988.28	0.005	0.060	0.055	0.12029
524189.13	4260004.28	0.005	0.062	0.054	0.12126
524189.37	4259993.85	0.005	0.060	0.052	0.11668
524190.83	4259982.7	0.005	0.058	0.051	0.11426
524246.78	4259946.49	0.006	0.074	0.076	0.15696
524255.34	4259929.66	0.006	0.078	0.081	0.16580
524250.49	4259937.65	0.006	0.076	0.078	0.16049
524232.52	4259935.94	0.005	0.066	0.066	0.13718
524220.54	4259937.94	0.005	0.061	0.060	0.12585
524212.55	4259949.92	0.005	0.059	0.056	0.12016
524206.28	4259957.62	0.005	0.058	0.054	0.11718
524199.43	4259957.05	0.005	0.057	0.052	0.11383
524188.31	4259954.48	0.005	0.057	0.050	0.11204
524196.86	4259946.49	0.005	0.057	0.051	0.11289
524203.71	4259947.63	0.005	0.057	0.053	0.11521
524199.43	4259934.8	0.005	0.057	0.052	0.11343
524206.56	4259925.1	0.005	0.058	0.054	0.11647
524213.12	4259917.68	0.005	0.059	0.056	0.11937
524241.93	4259920.25	0.006	0.069	0.070	0.14543
524215.97	4259907.7	0.005	0.059	0.057	0.12092
524221.11	4259892.3	0.005	0.060	0.058	0.12309
524238.79	4259898.86	0.005	0.066	0.067	0.13798
524238.79	4259907.98	0.006	0.067	0.067	0.13973
524237.37	4259884.59	0.005	0.064	0.065	0.13428
524214.83	4259881.17	0.005	0.059	0.056	0.11954
524203.14	4259873.47	0.005	0.058	0.053	0.11587
524198.29	4259867.19	0.005	0.059	0.052	0.11583
524232.8	4259867.19	0.005	0.062	0.061	0.12855
524233.09	4259857.5	0.005	0.061	0.060	0.12697
524235.66	4259852.36	0.005	0.062	0.061	0.12809
524239.65	4259845.51	0.005	0.062	0.062	0.12912
524243.93	4259834.68	0.005	0.063	0.062	0.12979
524250.49	4259823.84	0.005	0.063	0.063	0.13081
524243.64	4259822.12	0.005	0.061	0.060	0.12673
524232.8	4259816.13	0.005	0.059	0.057	0.12097
524225.1	4259826.4	0.005	0.059	0.056	0.11970
524218.26	4259836.67	0.005	0.059	0.055	0.11877
524210.55	4259846.94	0.005	0.058	0.054	0.11706
524202	4259857.5	0.005	0.059	0.053	0.11665
524265.77	4259728.17	0.005	0.060	0.054	0.11897
524273.47	4259713.63	0.005	0.059	0.053	0.11780
524276.89	4259698.51	0.005	0.058	0.052	0.11540
524260.92	4259693.94	0.006	0.068	0.055	0.12860
524251.79	4259711.06	0.006	0.071	0.058	0.13492
524250.65	4259723.04	0.006	0.068	0.056	0.13014
524265.2	4259620.63	0.006	0.076	0.057	0.13902
524284.88	4259588.39	0.006	0.069	0.052	0.12704
524305.71	4259554.73	0.006	0.071	0.053	0.13084
524315.12	4259565	0.005	0.059	0.048	0.11135
524303.99	4259604.08	0.005	0.054	0.047	0.10563
524638.04	4260127.68	0.031	0.375	0.417	0.82290
524645.94	4260114.25	0.027	0.325	0.361	0.71333
524647.12	4260105.17	0.026	0.312	0.347	0.68441
524662.52	4260077.53	0.019	0.235	0.261	0.51538
524692.14	4260053.84	0.013	0.162	0.179	0.35442
524752.55	4260050.68	0.009	0.107	0.119	0.23436
524338.94	4260404.55	0.042	0.505	0.561	1.10706
524441.43	4260403.88	0.046	0.550	0.612	1.20760
524538.99	4260369.97	0.029	0.351	0.390	0.76975
524566.4	4260356.96	0.026	0.315	0.350	0.69082
524530.17	4260389.94	0.028	0.336	0.373	0.73674
524498.28	4260239.21	0.155	1.868	2.079	4.10149
524477.41	4260262.98	0.151	1.820	2.025	3.99552
524494.8	4260256.02	0.136	1.647	1.833	3.61670
524515.67	4260222.4	0.143	1.723	1.917	3.78250
524519.73	4260238.63	0.117	1.410	1.569	3.09598
524519.15	4260249.06	0.107	1.290	1.436	2.83240
524529	4260210.8	0.132	1.589	1.768	3.48909
524535.38	4260221.82	0.112	1.349	1.502	2.96306
524534.22	4260237.47	0.099	1.195	1.330	2.62309
524546.97	4260196.89	0.111	1.340	1.492	2.94319
524546.97	4260211.38	0.102	1.236	1.376	2.71399
524549.87	4260224.14	0.091	1.097	1.221	2.40855
524560.3	4260187.04	0.097	1.169	1.301	2.56638
524569	4260203.85	0.079	0.953	1.061	2.09306
524580.01	4260180.66	0.076	0.914	1.017	2.00666
524580.01	4260198.05	0.071	0.856	0.952	1.87921
524588.13	4260163.27	0.070	0.844	0.939	1.85359
524598.57	4260182.98	0.059	0.707	0.787	1.55303
524596.25	4260169.64	0.061	0.742	0.825	1.62889

Maximum Caner Risk
4.1

BAAQMD threshold of significance
10

Exceed thresholds?
No

Oakmont Emerald Isle

Tier IV

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Child
UTM: (565046,4185977)

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	3	572	0.73	1	18.9
2	1	3	572	0.73	1	18.9

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle **Tier IV** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Child Cancer Risk (year 1) 2017 (/million)	Child Cancer Risk (year 2) 2017 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.008	0.007	0.01440
524149.22	4260065.3	0.010	0.008	0.01787
524164.22	4260065.3	0.011	0.009	0.01976
524179.22	4260065.3	0.012	0.010	0.02126
524194.22	4260065.3	0.013	0.011	0.02329
524209.22	4260065.3	0.014	0.012	0.02590
524224.22	4260065.3	0.016	0.014	0.02928
524239.22	4260065.3	0.018	0.016	0.03374
524254.22	4260065.3	0.021	0.019	0.03973
524269.22	4260065.3	0.025	0.023	0.04798
524134.22	4260080.3	0.007	0.006	0.01381
524149.22	4260080.3	0.009	0.007	0.01627
524164.22	4260080.3	0.010	0.008	0.01830
524179.22	4260080.3	0.011	0.009	0.02008
524194.22	4260080.3	0.012	0.010	0.02218
524209.22	4260080.3	0.013	0.012	0.02485
524224.22	4260080.3	0.015	0.014	0.02839
524239.22	4260080.3	0.017	0.016	0.03319
524254.22	4260080.3	0.020	0.020	0.03972
524269.22	4260080.3	0.025	0.025	0.04916
524134.22	4260095.3	0.007	0.006	0.01363
524149.22	4260095.3	0.008	0.007	0.01586
524164.22	4260095.3	0.009	0.008	0.01789
524179.22	4260095.3	0.010	0.010	0.01994
524194.22	4260095.3	0.012	0.011	0.02238
524209.22	4260095.3	0.013	0.012	0.02541
524224.22	4260095.3	0.015	0.015	0.02948
524239.22	4260095.3	0.018	0.017	0.03506
524254.22	4260095.3	0.021	0.022	0.04269
524269.22	4260095.3	0.026	0.027	0.05390
524134.22	4260110.3	0.007	0.007	0.01352
524149.22	4260110.3	0.008	0.008	0.01562
524164.22	4260110.3	0.009	0.009	0.01791
524179.22	4260110.3	0.010	0.010	0.02036
524194.22	4260110.3	0.012	0.011	0.02325
524209.22	4260110.3	0.014	0.013	0.02688
524224.22	4260110.3	0.016	0.016	0.03179
524239.22	4260110.3	0.019	0.019	0.03845
524254.22	4260110.3	0.023	0.024	0.04783
524269.22	4260110.3	0.030	0.032	0.06152
524134.22	4260125.3	0.007	0.007	0.01373
524149.22	4260125.3	0.008	0.008	0.01585
524164.22	4260125.3	0.009	0.009	0.01831
524179.22	4260125.3	0.011	0.010	0.02115
524194.22	4260125.3	0.012	0.012	0.02458
524209.22	4260125.3	0.014	0.015	0.02906
524224.22	4260125.3	0.017	0.018	0.03499
524239.22	4260125.3	0.021	0.022	0.04313
524254.22	4260125.3	0.027	0.028	0.05466
524269.22	4260125.3	0.035	0.037	0.07162
524134.22	4260140.3	0.007	0.007	0.01410
524149.22	4260140.3	0.008	0.008	0.01634
524164.22	4260140.3	0.010	0.010	0.01904
524179.22	4260140.3	0.011	0.011	0.02232
524194.22	4260140.3	0.013	0.013	0.02644
524209.22	4260140.3	0.016	0.016	0.03178
524224.22	4260140.3	0.019	0.020	0.03893
524239.22	4260140.3	0.024	0.025	0.04884
524254.22	4260140.3	0.030	0.033	0.06287
524269.22	4260140.3	0.040	0.043	0.08349
524134.22	4260155.3	0.007	0.007	0.01473
524149.22	4260155.3	0.008	0.009	0.01700
524164.22	4260155.3	0.010	0.010	0.02003
524179.22	4260155.3	0.012	0.012	0.02372
524194.22	4260155.3	0.014	0.015	0.02842
524209.22	4260155.3	0.017	0.018	0.03464
524224.22	4260155.3	0.021	0.022	0.04311
524239.22	4260155.3	0.026	0.028	0.05500
524254.22	4260155.3	0.034	0.037	0.07180
524269.22	4260155.3	0.046	0.050	0.09641
524134.22	4260170.3	0.008	0.008	0.01553
524149.22	4260170.3	0.009	0.009	0.01804
524164.22	4260170.3	0.010	0.011	0.02132
524179.22	4260170.3	0.012	0.013	0.02551
524194.22	4260170.3	0.015	0.016	0.03087
524209.22	4260170.3	0.018	0.020	0.03790
524224.22	4260170.3	0.023	0.025	0.04769
524239.22	4260170.3	0.030	0.032	0.06151
524254.22	4260170.3	0.039	0.042	0.08102
524269.22	4260170.3	0.052	0.057	0.10951
524134.22	4260185.3	0.008	0.009	0.01678
524149.22	4260185.3	0.010	0.010	0.01959
524164.22	4260185.3	0.011	0.012	0.02312
524179.22	4260185.3	0.013	0.014	0.02772
524194.22	4260185.3	0.016	0.017	0.03379
524209.22	4260185.3	0.020	0.022	0.04179
524224.22	4260185.3	0.025	0.027	0.05279
524239.22	4260185.3	0.033	0.036	0.06808
524254.22	4260185.3	0.043	0.047	0.08951
524269.22	4260185.3	0.058	0.063	0.12091
524134.22	4260200.3	0.009	0.009	0.01838
524149.22	4260200.3	0.010	0.011	0.02145
524164.22	4260200.3	0.012	0.013	0.02535
524179.22	4260200.3	0.015	0.016	0.03035
524194.22	4260200.3	0.018	0.019	0.03709
524209.22	4260200.3	0.022	0.024	0.04614
524224.22	4260200.3	0.028	0.030	0.05811
524239.22	4260200.3	0.036	0.039	0.07451
524254.22	4260200.3	0.046	0.051	0.09750
524269.22	4260200.3	0.062	0.068	0.13053
524134.22	4260215.3	0.010	0.011	0.02043
524149.22	4260215.3	0.012	0.012	0.02385
524164.22	4260215.3	0.014	0.015	0.02817
524179.22	4260215.3	0.016	0.017	0.03358
524194.22	4260215.3	0.020	0.021	0.04103
524209.22	4260215.3	0.024	0.027	0.05091
524224.22	4260215.3	0.031	0.033	0.06389
524239.22	4260215.3	0.039	0.042	0.08107
524254.22	4260215.3	0.050	0.055	0.10490
524269.22	4260215.3	0.066	0.072	0.13806
524134.22	4260230.3	0.011	0.012	0.02245
524149.22	4260230.3	0.013	0.014	0.02628
524164.22	4260230.3	0.015	0.016	0.03103
524179.22	4260230.3	0.018	0.019	0.03695
524194.22	4260230.3	0.021	0.023	0.04490
524209.22	4260230.3	0.027	0.029	0.05560
524224.22	4260230.3	0.033	0.036	0.06925
524239.22	4260230.3	0.041	0.046	0.08701
524254.22	4260230.3	0.053	0.058	0.11097
524269.22	4260230.3	0.068	0.075	0.14311
524134.22	4260245.3	0.012	0.013	0.02448
524149.22	4260245.3	0.014	0.015	0.02883
524164.22	4260245.3	0.016	0.018	0.03401
524179.22	4260245.3	0.019	0.021	0.04012
524194.22	4260245.3	0.023	0.025	0.04863
524209.22	4260245.3	0.029	0.031	0.05997
524224.22	4260245.3	0.035	0.039	0.07424
524239.22	4260245.3	0.044	0.048	0.09237
524254.22	4260245.3	0.055	0.061	0.11607
524269.22	4260245.3	0.070	0.077	0.14682
524134.22	4260260.3	0.013	0.014	0.02636
524149.22	4260260.3	0.015	0.016	0.03124
524164.22	4260260.3	0.018	0.019	0.03684
524179.22	4260260.3	0.021	0.023	0.04339
524194.22	4260260.3	0.025	0.027	0.05213
524209.22	4260260.3	0.030	0.033	0.06382
524224.22	4260260.3	0.037	0.041	0.07835
524239.22	4260260.3	0.046	0.051	0.09648
524254.22	4260260.3	0.057	0.063	0.11941
524269.22	4260260.3	0.070	0.078	0.14818
524134.22	4260275.3	0.013	0.014	0.02748
524149.22	4260275.3	0.016	0.017	0.03339
524164.22	4260275.3	0.019	0.021	0.03961
524179.22	4260275.3	0.022	0.024	0.04681
524194.22	4260275.3	0.027	0.029	0.05585
524209.22	4260275.3	0.032	0.035	0.06743
524224.22	4260275.3	0.039	0.043	0.08171
524239.22	4260275.3	0.047	0.052	0.09929
524254.22	4260275.3	0.058	0.064	0.12127
524269.22	4260275.3	0.070	0.078	0.14825
524134.22	4260290.3	0.014	0.015	0.02849
524149.22	4260290.3	0.017	0.018	0.03471
524164.22	4260290.3	0.020	0.022	0.04189
524179.22	4260290.3	0.024	0.026	0.04972
524194.22	4260290.3	0.028	0.031	0.05901
524209.22	4260290.3	0.033	0.037	0.07035
524224.22	4260290.3	0.040	0.044	0.08424
524239.22	4260290.3	0.048	0.053	0.10095
524254.22	4260290.3	0.058	0.064	0.12166
524269.22	4260290.3	0.069	0.077	0.14644
524134.22	4260305.3	0.014	0.016	0.02984
524149.22	4260305.3	0.017	0.019	0.03588
524164.22	4260305.3	0.021	0.023	0.04373
524179.22	4260305.3	0.025	0.027	0.05193
524194.22	4260305.3	0.029	0.032	0.06149
524209.22	4260305.3	0.035	0.038	0.07269
524224.22	4260305.3	0.041	0.045	0.08612
524239.22	4260305.3	0.048	0.054	0.10198
524254.22	4260305.3	0.057	0.064	0.12098
524269.22	4260305.3	0.068	0.075	0.14316
524134.22	4260320.3	0.015	0.016	0.03115
524149.22	4260320.3	0.018	0.019	0.03704
524164.22	4260320.3	0.021	0.023	0.04466
524179.22	4260320.3	0.025	0.028	0.05345
524194.22	4260320.3	0.030	0.033	0.06302
524209.22	4260320.3	0.035	0.039	0.07408
524224.22	4260320.3	0.041	0.046	0.08688
524239.22	4260320.3	0.048	0.053	0.10174
524254.22	4260320.3	0.056	0.063	0.11898
524269.22	4260320.3	0.066	0.073	0.13866
524134.22	4260335.3	0.015	0.017	0.03241
524149.22	4260335.3	0.018	0.020	0.03845
524164.22	4260335.3	0.022	0.024	0.04592
524179.22	4260335.3	0.026	0.029	0.05461
524194.22	4260335.3	0.030	0.034	0.06386
524209.22	4260335.3	0.035	0.039	0.07430
524224.22	4260335.3	0.041	0.045	0.08636
524239.22	4260335.3	0.048	0.053	0.10013
524254.22	4260335.3	0.055	0.061	0.11593
524269.22	4260335.3	0.063	0.070	0.13372
524134.22	4260350.3	0.016	0.018	0.03364
524149.22	4260350.3	0.019	0.021	0.03962
524164.22	4260350.3	0.022	0.025	0.04709
524179.22	4260350.3	0.026	0.029	0.05527
524194.22	4260350.3	0.030	0.034	0.06410
524209.22	4260350.3	0.035	0.039	0.07397
524224.22	4260350.3	0.040	0.045	0.08521
524239.22	4260350.3	0.046	0.051	0.09791
524254.22	4260350.3	0.053	0.059	0.11220
524269.22	4260350.3	0.061	0.067	0.12800
524204.65	4260012.52	0.009	0.008	0.01717
524203.43	4260005.01	0.009	0.008	0.01651
524204.65	4259997.73	0.008	0.008	0.01609
524204.4	4259988.28	0.008	0.007	0.01559
524189.13	4260004.28	0.008	0.007	0.01570
524189.37	4259993.85	0.008	0.007	0.01511
524190.83	4259982.7	0.008	0.007	0.01480
524246.78	4259946.49	0.010	0.010	0.02039
524255.34	4259929.66	0.011	0.011	0.02154
524250.49	4259937.65	0.010	0.011	0.02085
524232.52	4259935.94	0.009	0.009	0.01781
524220.54	4259937.94	0.008	0.008	0.01633
524212.55	4259949.92	0.008	0.008	0.01559
524206.28	4259957.62	0.008	0.007	0.01519
524199.43	4259957.05	0.008	0.007	0.01475
524188.31	4259954.48	0.008	0.007	0.01451
524196.86	4259946.49	0.008	0.007	0.01463
524203.71	4259947.63	0.008	0.007	0.01494
524199.43	4259934.8	0.008	0.007	0.01470
524206.56	4259925.1	0.008	0.007	0.01510
524213.12	4259917.68	0.008	0.008	0.01548
524241.93	4259920.25	0.009	0.010	0.01889
524215.97	4259907.7	0.008	0.008	0.01569
524221.11	4259892.3	0.008	0.008	0.01597
524238.79	4259898.86	0.009	0.009	0.01792
524238.79	4259907.98	0.009	0.009	0.01814
524237.37	4259884.59	0.009	0.009	0.01743
524214.83	4259881.17	0.008	0.008	0.01551
524203.14	4259873.47	0.008	0.007	0.01502
524198.29	4259867.19	0.008	0.007	0.01501
524232.8	4259867.19	0.008	0.008	0.01668
524233.09	4259857.5	0.008	0.008	0.01648
524235.66	4259852.36	0.008	0.008	0.01662
524239.65	4259845.51	0.008	0.008	0.01676
524243.93	4259834.68	0.008	0.008	0.01685
524250.49	4259823.84	0.009	0.008	0.01698
524243.64	4259822.12	0.008	0.008	0.01645
524232.8	4259816.13	0.008	0.008	0.01569
524225.1	4259826.4	0.008	0.008	0.01552
524218.26	4259836.67	0.008	0.007	0.01540
524210.55	4259846.94	0.008	0.007	0.01517
524202	4259857.5	0.008	0.007	0.01511
524265.77	4259728.17	0.008	0.007	0.01541
524273.47	4259713.63	0.008	0.007	0.01526
524276.89	4259698.51	0.008	0.007	0.01495
524260.92	4259693.94	0.009	0.007	0.01663
524251.79	4259711.06	0.010	0.008	0.01744
524250.65	4259723.04	0.009	0.008	0.01683
524265.2	4259620.63	0.010	0.008	0.01794
524284.88	4259588.39	0.009	0.007	0.01640
524305.71	4259554.73	0.010	0.007	0.01689
524315.12	4259565	0.008	0.006	0.01440
524303.99	4259604.08	0.007	0.006	0.01367
524638.04	4260127.68	0.051	0.056	0.10706
524645.94	4260114.25	0.044	0.049	0.09281
524647.12	4260105.17	0.042	0.047	0.08905
524662.52	4260077.53	0.032	0.035	0.06705
524692.14	4260053.84	0.022	0.024	0.04611
524752.55	4260050.68	0.014	0.016	0.03049
524338.94	4260404.55	0.068	0.076	0.14403
524441.43	4260403.88	0.074	0.083	0.15712
524538.99	4260369.97	0.047	0.053	0.10015
524566.4	4260356.96	0.043	0.047	0.08988
524530.17	4260389.94	0.045	0.050	0.09585
524498.28	4260239.21	0.253	0.281	0.53363
524477.41	4260262.98	0.246	0.274	0.51985
524494.8	4260256.02	0.223	0.248	0.47056
524515.67	4260222.4	0.233	0.259	0.49213
524519.73	4260238.63	0.191	0.212	0.40281
524519.15	4260249.06	0.174	0.194	0.36852
524529	4260210.8	0.215	0.239	0.45396
524535.38	4260221.82	0.182	0.203	0.38552
524534.22	4260237.47	0.162	0.180	0.34128
524546.97	4260196.89	0.181	0.202	0.38293
524546.97	4260211.38	0.167	0.186	0.35311
524549.87	4260224.14	0.148	0.165	0.31337
524560.3	4260187.04	0.158	0.176	0.33390
524569	4260203.85	0.129	0.143	0.27232
524580.01	4260180.66	0.124	0.138	0.26108
524580.01	4260198.05	0.116	0.129	0.24450
524588.13	4260163.27	0.114	0.127	0.24116
524598.57	4260182.98	0.096	0.106	0.20206
524596.25	4260169.64	0.100	0.112	0.21193

Maximum Caner Risk
1
BAAQMD threshold of significance
10
Exceed thresholds?
No

Oakmont Emerald Isle

Tier IV

Cancer Risk Impacts from Construction at the Maximum Impacted Sensitive Receptor - Adult

Cancer Potency Factor:	1.1	$(mg/kg\text{-}day)^{-1}$
Exposure Frequency	350	days/year
Averaging Period	25550	days

Year	DPM Concentration (ug/m3)	Age Sensitivty Factor	Daily Breathing Rate (L/kg-day)	Time At Home Factor	Exposure Duration (years)	Unit Risk Factor $(ug/m3)^{-1}$
1	1	1	261	0.72	1	2.8
2	1	1	261	0.72	1	2.8

BAAQMD 2016. Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Oakmont Emerald Isle Tier IV at Sensitive Receptors

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Adult Cancer Risk (year 1) 2017 (/million)	Adult Cancer Risk (year 2) 2018 (/million)	Total Cancer Risk (/million)
524134.22	4260065.3	0.001	0.001	0.00216
524149.22	4260065.3	0.001	0.001	0.00268
524164.22	4260065.3	0.002	0.001	0.00296
524179.22	4260065.3	0.002	0.001	0.00319
524194.22	4260065.3	0.002	0.002	0.00349
524209.22	4260065.3	0.002	0.002	0.00389
524224.22	4260065.3	0.002	0.002	0.00439
524239.22	4260065.3	0.003	0.002	0.00506
524254.22	4260065.3	0.003	0.003	0.00596
524269.22	4260065.3	0.004	0.003	0.00720
524134.22	4260080.3	0.001	0.001	0.00207
524149.22	4260080.3	0.001	0.001	0.00244
524164.22	4260080.3	0.001	0.001	0.00275
524179.22	4260080.3	0.002	0.001	0.00301
524194.22	4260080.3	0.002	0.002	0.00333
524209.22	4260080.3	0.002	0.002	0.00373
524224.22	4260080.3	0.002	0.002	0.00426
524239.22	4260080.3	0.003	0.002	0.00498
524254.22	4260080.3	0.003	0.003	0.00596
524269.22	4260080.3	0.004	0.004	0.00737
524134.22	4260095.3	0.001	0.001	0.00205
524149.22	4260095.3	0.001	0.001	0.00238
524164.22	4260095.3	0.001	0.001	0.00268
524179.22	4260095.3	0.002	0.001	0.00299
524194.22	4260095.3	0.002	0.002	0.00336
524209.22	4260095.3	0.002	0.002	0.00381
524224.22	4260095.3	0.002	0.002	0.00442
524239.22	4260095.3	0.003	0.003	0.00526
524254.22	4260095.3	0.003	0.003	0.00640
524269.22	4260095.3	0.004	0.004	0.00809
524134.22	4260110.3	0.001	0.001	0.00203
524149.22	4260110.3	0.001	0.001	0.00234
524164.22	4260110.3	0.001	0.001	0.00269
524179.22	4260110.3	0.002	0.001	0.00305
524194.22	4260110.3	0.002	0.002	0.00349
524209.22	4260110.3	0.002	0.002	0.00403
524224.22	4260110.3	0.002	0.002	0.00477
524239.22	4260110.3	0.003	0.003	0.00577
524254.22	4260110.3	0.004	0.004	0.00717
524269.22	4260110.3	0.004	0.005	0.00923
524134.22	4260125.3	0.001	0.001	0.00206
524149.22	4260125.3	0.001	0.001	0.00238
524164.22	4260125.3	0.001	0.001	0.00275
524179.22	4260125.3	0.002	0.002	0.00317
524194.22	4260125.3	0.002	0.002	0.00369
524209.22	4260125.3	0.002	0.002	0.00436
524224.22	4260125.3	0.003	0.003	0.00525
524239.22	4260125.3	0.003	0.003	0.00647
524254.22	4260125.3	0.004	0.004	0.00820
524269.22	4260125.3	0.005	0.006	0.01074
524134.22	4260140.3	0.001	0.001	0.00211
524149.22	4260140.3	0.001	0.001	0.00245
524164.22	4260140.3	0.001	0.001	0.00286
524179.22	4260140.3	0.002	0.002	0.00335
524194.22	4260140.3	0.002	0.002	0.00397
524209.22	4260140.3	0.002	0.002	0.00477
524224.22	4260140.3	0.003	0.003	0.00584
524239.22	4260140.3	0.004	0.004	0.00733
524254.22	4260140.3	0.005	0.005	0.00943
524269.22	4260140.3	0.006	0.007	0.01253
524134.22	4260155.3	0.001	0.001	0.00221
524149.22	4260155.3	0.001	0.001	0.00255
524164.22	4260155.3	0.001	0.002	0.00300
524179.22	4260155.3	0.002	0.002	0.00356
524194.22	4260155.3	0.002	0.002	0.00426
524209.22	4260155.3	0.003	0.003	0.00520
524224.22	4260155.3	0.003	0.003	0.00647
524239.22	4260155.3	0.004	0.004	0.00825
524254.22	4260155.3	0.005	0.006	0.01077
524269.22	4260155.3	0.007	0.008	0.01446
524134.22	4260170.3	0.001	0.001	0.00233
524149.22	4260170.3	0.001	0.001	0.00271
524164.22	4260170.3	0.002	0.002	0.00320
524179.22	4260170.3	0.002	0.002	0.00383
524194.22	4260170.3	0.002	0.002	0.00463
524209.22	4260170.3	0.003	0.003	0.00568
524224.22	4260170.3	0.003	0.004	0.00715
524239.22	4260170.3	0.004	0.005	0.00923
524254.22	4260170.3	0.006	0.006	0.01215
524269.22	4260170.3	0.008	0.009	0.01643
524134.22	4260185.3	0.001	0.001	0.00252
524149.22	4260185.3	0.001	0.002	0.00294
524164.22	4260185.3	0.002	0.002	0.00347
524179.22	4260185.3	0.002	0.002	0.00416
524194.22	4260185.3	0.002	0.003	0.00507
524209.22	4260185.3	0.003	0.003	0.00627
524224.22	4260185.3	0.004	0.004	0.00792
524239.22	4260185.3	0.005	0.005	0.01021
524254.22	4260185.3	0.006	0.007	0.01343
524269.22	4260185.3	0.009	0.010	0.01814
524134.22	4260200.3	0.001	0.001	0.00276
524149.22	4260200.3	0.002	0.002	0.00322
524164.22	4260200.3	0.002	0.002	0.00380
524179.22	4260200.3	0.002	0.002	0.00455
524194.22	4260200.3	0.003	0.003	0.00556
524209.22	4260200.3	0.003	0.004	0.00692
524224.22	4260200.3	0.004	0.005	0.00872
524239.22	4260200.3	0.005	0.006	0.01118
524254.22	4260200.3	0.007	0.008	0.01463
524269.22	4260200.3	0.009	0.010	0.01958
524134.22	4260215.3	0.001	0.002	0.00306
524149.22	4260215.3	0.002	0.002	0.00358
524164.22	4260215.3	0.002	0.002	0.00423
524179.22	4260215.3	0.002	0.003	0.00504
524194.22	4260215.3	0.003	0.003	0.00616
524209.22	4260215.3	0.004	0.004	0.00764
524224.22	4260215.3	0.005	0.005	0.00958
524239.22	4260215.3	0.006	0.006	0.01216
524254.22	4260215.3	0.007	0.008	0.01574
524269.22	4260215.3	0.010	0.011	0.02071
524134.22	4260230.3	0.002	0.002	0.00337
524149.22	4260230.3	0.002	0.002	0.00394
524164.22	4260230.3	0.002	0.002	0.00465
524179.22	4260230.3	0.003	0.003	0.00554
524194.22	4260230.3	0.003	0.004	0.00674
524209.22	4260230.3	0.004	0.004	0.00834
524224.22	4260230.3	0.005	0.005	0.01039
524239.22	4260230.3	0.006	0.007	0.01305
524254.22	4260230.3	0.008	0.009	0.01665
524269.22	4260230.3	0.010	0.011	0.02147
524134.22	4260245.3	0.002	0.002	0.00367
524149.22	4260245.3	0.002	0.002	0.00433
524164.22	4260245.3	0.002	0.003	0.00510
524179.22	4260245.3	0.003	0.003	0.00602
524194.22	4260245.3	0.003	0.004	0.00729
524209.22	4260245.3	0.004	0.005	0.00900
524224.22	4260245.3	0.005	0.006	0.01114
524239.22	4260245.3	0.007	0.007	0.01386
524254.22	4260245.3	0.008	0.009	0.01741
524269.22	4260245.3	0.010	0.012	0.02203
524134.22	4260260.3	0.002	0.002	0.00395
524149.22	4260260.3	0.002	0.002	0.00469
524164.22	4260260.3	0.003	0.003	0.00553
524179.22	4260260.3	0.003	0.003	0.00651
524194.22	4260260.3	0.004	0.004	0.00782
524209.22	4260260.3	0.005	0.005	0.00957
524224.22	4260260.3	0.006	0.006	0.01175
524239.22	4260260.3	0.007	0.008	0.01447
524254.22	4260260.3	0.009	0.009	0.01791
524269.22	4260260.3	0.011	0.012	0.02223
524134.22	4260275.3	0.002	0.002	0.00412
524149.22	4260275.3	0.002	0.003	0.00501
524164.22	4260275.3	0.003	0.003	0.00594
524179.22	4260275.3	0.003	0.004	0.00702
524194.22	4260275.3	0.004	0.004	0.00838
524209.22	4260275.3	0.005	0.005	0.01012
524224.22	4260275.3	0.006	0.006	0.01226
524239.22	4260275.3	0.007	0.008	0.01490
524254.22	4260275.3	0.009	0.010	0.01819
524269.22	4260275.3	0.011	0.012	0.02224
524134.22	4260290.3	0.002	0.002	0.00427
524149.22	4260290.3	0.002	0.003	0.00521
524164.22	4260290.3	0.003	0.003	0.00628
524179.22	4260290.3	0.004	0.004	0.00746
524194.22	4260290.3	0.004	0.005	0.00885
524209.22	4260290.3	0.005	0.006	0.01055
524224.22	4260290.3	0.006	0.007	0.01264
524239.22	4260290.3	0.007	0.008	0.01514
524254.22	4260290.3	0.009	0.010	0.01825
524269.22	4260290.3	0.010	0.012	0.02197
524134.22	4260305.3	0.002	0.002	0.00448
524149.22	4260305.3	0.003	0.003	0.00538
524164.22	4260305.3	0.003	0.003	0.00656
524179.22	4260305.3	0.004	0.004	0.00779
524194.22	4260305.3	0.004	0.005	0.00922
524209.22	4260305.3	0.005	0.006	0.01090
524224.22	4260305.3	0.006	0.007	0.01292
524239.22	4260305.3	0.007	0.008	0.01530
524254.22	4260305.3	0.009	0.010	0.01815
524269.22	4260305.3	0.010	0.011	0.02148
524134.22	4260320.3	0.002	0.002	0.00467
524149.22	4260320.3	0.003	0.003	0.00556
524164.22	4260320.3	0.003	0.004	0.00670
524179.22	4260320.3	0.004	0.004	0.00802
524194.22	4260320.3	0.004	0.005	0.00945
524209.22	4260320.3	0.005	0.006	0.01111
524224.22	4260320.3	0.006	0.007	0.01303
524239.22	4260320.3	0.007	0.008	0.01526
524254.22	4260320.3	0.008	0.009	0.01785
524269.22	4260320.3	0.010	0.011	0.02080
524134.22	4260335.3	0.002	0.003	0.00486
524149.22	4260335.3	0.003	0.003	0.00577
524164.22	4260335.3	0.003	0.004	0.00689
524179.22	4260335.3	0.004	0.004	0.00819
524194.22	4260335.3	0.005	0.005	0.00958
524209.22	4260335.3	0.005	0.006	0.01115
524224.22	4260335.3	0.006	0.007	0.01295
524239.22	4260335.3	0.007	0.008	0.01502
524254.22	4260335.3	0.008	0.009	0.01739
524269.22	4260335.3	0.010	0.011	0.02006
524134.22	4260350.3	0.002	0.003	0.00505
524149.22	4260350.3	0.003	0.003	0.00594
524164.22	4260350.3	0.003	0.004	0.00706
524179.22	4260350.3	0.004	0.004	0.00829
524194.22	4260350.3	0.005	0.005	0.00962
524209.22	4260350.3	0.005	0.006	0.01110
524224.22	4260350.3	0.006	0.007	0.01278
524239.22	4260350.3	0.007	0.008	0.01469
524254.22	4260350.3	0.008	0.009	0.01683
524269.22	4260350.3	0.009	0.010	0.01920
524204.65	4260012.52	0.001	0.001	0.00258
524203.43	4260005.01	0.001	0.001	0.00248
524204.65	4259997.73	0.001	0.001	0.00241
524204.4	4259988.28	0.001	0.001	0.00234
524189.13	4260004.28	0.001	0.001	0.00236
524189.37	4259993.85	0.001	0.001	0.00227
524190.83	4259982.7	0.001	0.001	0.00222
524246.78	4259946.49	0.002	0.002	0.00306
524255.34	4259929.66	0.002	0.002	0.00323
524250.49	4259937.65	0.002	0.002	0.00313
524232.52	4259935.94	0.001	0.001	0.00267
524220.54	4259937.94	0.001	0.001	0.00245
524212.55	4259949.92	0.001	0.001	0.00234
524206.28	4259957.62	0.001	0.001	0.00228
524199.43	4259957.05	0.001	0.001	0.00221
524188.31	4259954.48	0.001	0.001	0.00218
524196.86	4259946.49	0.001	0.001	0.00219
524203.71	4259947.63	0.001	0.001	0.00224
524199.43	4259934.8	0.001	0.001	0.00221
524206.56	4259925.1	0.001	0.001	0.00227
524213.12	4259917.68	0.001	0.001	0.00232
524241.93	4259920.25	0.001	0.001	0.00283
524215.97	4259907.7	0.001	0.001	0.00235
524221.11	4259892.3	0.001	0.001	0.00240
524238.79	4259898.86	0.001	0.001	0.00269
524238.79	4259907.98	0.001	0.001	0.00272
524237.37	4259884.59	0.001	0.001	0.00262
524214.83	4259881.17	0.001	0.001	0.00233
524203.14	4259873.47	0.001	0.001	0.00225
524198.29	4259867.19	0.001	0.001	0.00225
524232.8	4259867.19	0.001	0.001	0.00250
524233.09	4259857.5	0.001	0.001	0.00247
524235.66	4259852.36	0.001	0.001	0.00249
524239.65	4259845.51	0.001	0.001	0.00251
524243.93	4259834.68	0.001	0.001	0.00253
524250.49	4259823.84	0.001	0.001	0.00255
524243.64	4259822.12	0.001	0.001	0.00247
524232.8	4259816.13	0.001	0.001	0.00235
524225.1	4259826.4	0.001	0.001	0.00233
524218.26	4259836.67	0.001	0.001	0.00231
524210.55	4259846.94	0.001	0.001	0.00228
524202	4259857.5	0.001	0.001	0.00227
524265.77	4259728.17	0.001	0.001	0.00231
524273.47	4259713.63	0.001	0.001	0.00229
524276.89	4259698.51	0.001	0.001	0.00224
524260.92	4259693.94	0.001	0.001	0.00249
524251.79	4259711.06	0.001	0.001	0.00262
524250.65	4259723.04	0.001	0.001	0.00253
524265.2	4259620.63	0.002	0.001	0.00269
524284.88	4259588.39	0.001	0.001	0.00246
524305.71	4259554.73	0.001	0.001	0.00253
524315.12	4259565	0.001	0.001	0.00216
524303.99	4259604.08	0.001	0.001	0.00205
524638.04	4260127.68	0.008	0.008	0.01606
524645.94	4260114.25	0.007	0.007	0.01392
524647.12	4260105.17	0.006	0.007	0.01336
524662.52	4260077.53	0.005	0.005	0.01006
524692.14	4260053.84	0.003	0.004	0.00692
524752.55	4260050.68	0.002	0.002	0.00457
524338.94	4260404.55	0.010	0.011	0.02161
524441.43	4260403.88	0.011	0.012	0.02357
524538.99	4260369.97	0.007	0.008	0.01502
524566.4	4260356.96	0.006	0.007	0.01348
524530.17	4260389.94	0.007	0.008	0.01438
524498.28	4260239.21	0.038	0.042	0.08005
524477.41	4260262.98	0.037	0.041	0.07798
524494.8	4260256.02	0.033	0.037	0.07059
524515.67	4260222.4	0.035	0.039	0.07383
524519.73	4260238.63	0.029	0.032	0.06043
524519.15	4260249.06	0.026	0.029	0.05528
524529	4260210.8	0.032	0.036	0.06810
524535.38	4260221.82	0.027	0.030	0.05783
524534.22	4260237.47	0.024	0.027	0.05120
524546.97	4260196.89	0.027	0.030	0.05745
524546.97	4260211.38	0.025	0.028	0.05297
524549.87	4260224.14	0.022	0.025	0.04701
524560.3	4260187.04	0.024	0.026	0.05009
524569	4260203.85	0.019	0.022	0.04085
524580.01	4260180.66	0.019	0.021	0.03917
524580.01	4260198.05	0.017	0.019	0.03668
524588.13	4260163.27	0.017	0.019	0.03618
524598.57	4260182.98	0.014	0.016	0.03031
524596.25	4260169.64	0.015	0.017	0.03179

Maximum Caner Risk
0.1

BAAQMD threshold of significance
10

Exceed thresholds?
No

Oakmont Emerald Isle

Tier IV
at Sensitive Receptors

Chronic Non-Cancer Hazard Index

Reference Exposure Level (REL) for DPM: 5 ug/m3

CNCHI = DPM/REL

Maximum Caner Risk
0.00
BAAQMD threshold of significance
1
Exceed thresholds?
No

X (m)	Y (m)	2018 DPM (ug/m3)	2019 DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
524134.22	4260065.3	0.000418	0.000345	0.000418	0.00008
524149.22	4260065.3	0.000528	0.000419	0.000528	0.00011
524164.22	4260065.3	0.000581	0.000466	0.000581	0.00012
524179.22	4260065.3	0.000619	0.000507	0.000619	0.00012
524194.22	4260065.3	0.000672	0.000563	0.000672	0.00013
524209.22	4260065.3	0.000739	0.000633	0.000739	0.00015
524224.22	4260065.3	0.000828	0.000723	0.000828	0.00017
524239.22	4260065.3	0.000944	0.000844	0.000944	0.00019
524254.22	4260065.3	0.001099	0.001006	0.001099	0.00022
524269.22	4260065.3	0.001312	0.00123	0.001312	0.00026
524134.22	4260080.3	0.000392	0.000339	0.000392	0.00008
524149.22	4260080.3	0.000466	0.000396	0.000466	0.00009
524164.22	4260080.3	0.000523	0.000447	0.000523	0.00010
524179.22	4260080.3	0.000568	0.000495	0.000568	0.00011
524194.22	4260080.3	0.000621	0.000554	0.000621	0.00012
524209.22	4260080.3	0.000688	0.000629	0.000688	0.00014
524224.22	4260080.3	0.000778	0.000727	0.000778	0.00016
524239.22	4260080.3	0.0009	0.000859	0.0009	0.00018
524254.22	4260080.3	0.001065	0.001039	0.001065	0.00021
524269.22	4260080.3	0.001305	0.001299	0.001305	0.00026
524134.22	4260095.3	0.00038	0.000342	0.00038	0.00008
524149.22	4260095.3	0.000444	0.000396	0.000444	0.00009
524164.22	4260095.3	0.0005	0.000448	0.0005	0.00010
524179.22	4260095.3	0.000552	0.000504	0.000552	0.00011
524194.22	4260095.3	0.000613	0.000572	0.000613	0.00012
524209.22	4260095.3	0.000688	0.000658	0.000688	0.00014
524224.22	4260095.3	0.00079	0.000772	0.00079	0.00016
524239.22	4260095.3	0.000931	0.000926	0.000931	0.00019
524254.22	4260095.3	0.001122	0.00114	0.00114	0.00023
524269.22	4260095.3	0.001404	0.001451	0.001451	0.00029
524134.22	4260110.3	0.000369	0.000347	0.000369	0.00007
524149.22	4260110.3	0.000428	0.0004	0.000428	0.00009
524164.22	4260110.3	0.00049	0.000459	0.00049	0.00010
524179.22	4260110.3	0.000553	0.000526	0.000553	0.00011
524194.22	4260110.3	0.000625	0.000606	0.000625	0.00013
524209.22	4260110.3	0.000715	0.000709	0.000715	0.00014
524224.22	4260110.3	0.000838	0.000846	0.000846	0.00017
524239.22	4260110.3	0.001006	0.001032	0.001032	0.00021
524254.22	4260110.3	0.00124	0.001293	0.001293	0.00026
524269.22	4260110.3	0.001584	0.001676	0.001676	0.00034
524134.22	4260125.3	0.000369	0.000358	0.000369	0.00007
524149.22	4260125.3	0.000427	0.000413	0.000427	0.00009
524164.22	4260125.3	0.000492	0.000478	0.000492	0.00010
524179.22	4260125.3	0.000565	0.000556	0.000565	0.00011
524194.22	4260125.3	0.000651	0.000651	0.000651	0.00013
524209.22	4260125.3	0.000763	0.000776	0.000776	0.00016
524224.22	4260125.3	0.000912	0.000942	0.000942	0.00019
524239.22	4260125.3	0.001116	0.001169	0.001169	0.00023
524254.22	4260125.3	0.001405	0.001491	0.001491	0.00030
524269.22	4260125.3	0.00183	0.001964	0.001964	0.00039
524134.22	4260140.3	0.000374	0.000373	0.000374	0.00007
524149.22	4260140.3	0.000434	0.000432	0.000434	0.00009
524164.22	4260140.3	0.000504	0.000504	0.000504	0.00010
524179.22	4260140.3	0.000588	0.000594	0.000594	0.00012
524194.22	4260140.3	0.000692	0.000709	0.000709	0.00014
524209.22	4260140.3	0.000826	0.000858	0.000858	0.00017
524224.22	4260140.3	0.001005	0.001057	0.001057	0.00021
524239.22	4260140.3	0.001254	0.001334	0.001334	0.00027
524254.22	4260140.3	0.001605	0.001725	0.001725	0.00035
524269.22	4260140.3	0.002121	0.002302	0.002302	0.00046
524134.22	4260155.3	0.000387	0.000393	0.000393	0.00008
524149.22	4260155.3	0.000446	0.000455	0.000455	0.00009
524164.22	4260155.3	0.000525	0.000537	0.000537	0.00011
524179.22	4260155.3	0.000618	0.000639	0.000639	0.00013
524194.22	4260155.3	0.000737	0.000769	0.000769	0.00015
524209.22	4260155.3	0.000893	0.000942	0.000942	0.00019
524224.22	4260155.3	0.001106	0.001178	0.001178	0.00024
524239.22	4260155.3	0.001404	0.00151	0.00151	0.00030
524254.22	4260155.3	0.001825	0.001979	0.001979	0.00040
524269.22	4260155.3	0.002441	0.002667	0.002667	0.00053
524134.22	4260170.3	0.000405	0.000418	0.000418	0.00008
524149.22	4260170.3	0.00047	0.000486	0.000486	0.00010
524164.22	4260170.3	0.000554	0.000576	0.000576	0.00012
524179.22	4260170.3	0.000659	0.000692	0.000692	0.00014
524194.22	4260170.3	0.000795	0.000841	0.000841	0.00017
524209.22	4260170.3	0.000972	0.001036	0.001036	0.00021
524224.22	4260170.3	0.001217	0.00131	0.00131	0.00026
524239.22	4260170.3	0.001564	0.001695	0.001695	0.00034
524254.22	4260170.3	0.002053	0.00224	0.00224	0.00045
524269.22	4260170.3	0.002766	0.003036	0.003036	0.00061
524134.22	4260185.3	0.000435	0.000455	0.000455	0.00009
524149.22	4260185.3	0.000507	0.000531	0.000531	0.00011
524164.22	4260185.3	0.000596	0.000629	0.000629	0.00013
524179.22	4260185.3	0.000712	0.000756	0.000756	0.00015
524194.22	4260185.3	0.000865	0.000925	0.000925	0.00018
524209.22	4260185.3	0.001066	0.001148	0.001148	0.00023
524224.22	4260185.3	0.001342	0.001454	0.001454	0.00029
524239.22	4260185.3	0.001725	0.001881	0.001881	0.00038
524254.22	4260185.3	0.002262	0.00248	0.00248	0.00050
524269.22	4260185.3	0.003049	0.003357	0.003357	0.00067
524134.22	4260200.3	0.000474	0.0005	0.0005	0.00010
524149.22	4260200.3	0.000552	0.000585	0.000585	0.00012
524164.22	4260200.3	0.00065	0.000693	0.000693	0.00014
524179.22	4260200.3	0.000776	0.000831	0.000831	0.00017
524194.22	4260200.3	0.000946	0.001019	0.001019	0.00020
524209.22	4260200.3	0.001173	0.001271	0.001271	0.00025
524224.22	4260200.3	0.001473	0.001606	0.001606	0.00032
524239.22	4260200.3	0.001884	0.002063	0.002063	0.00041
524254.22	4260200.3	0.00246	0.002705	0.002705	0.00054
524269.22	4260200.3	0.003287	0.003628	0.003628	0.00073
524134.22	4260215.3	0.000524	0.000558	0.000558	0.00011
524149.22	4260215.3	0.000611	0.000653	0.000653	0.00013
524164.22	4260215.3	0.00072	0.000772	0.000772	0.00015
524179.22	4260215.3	0.000856	0.000924	0.000924	0.00018
524194.22	4260215.3	0.001043	0.00113	0.00113	0.00023
524209.22	4260215.3	0.001291	0.001406	0.001406	0.00028
524224.22	4260215.3	0.001616	0.001768	0.001768	0.00035
524239.22	4260215.3	0.002047	0.002248	0.002248	0.00045
524254.22	4260215.3	0.002644	0.002913	0.002913	0.00058
524269.22	4260215.3	0.003474	0.00384	0.00384	0.00077
524134.22	4260230.3	0.000573	0.000616	0.000616	0.00012
524149.22	4260230.3	0.00067	0.000722	0.000722	0.00014
524164.22	4260230.3	0.00079	0.000854	0.000854	0.00017
524179.22	4260230.3	0.000939	0.001018	0.001018	0.00020
524194.22	4260230.3	0.001138	0.00124	0.00124	0.00025
524209.22	4260230.3	0.001407	0.001539	0.001539	0.00031
524224.22	4260230.3	0.001749	0.00192	0.00192	0.00038
524239.22	4260230.3	0.002194	0.002416	0.002416	0.00048
524254.22	4260230.3	0.002794	0.003084	0.003084	0.00062
524269.22	4260230.3	0.003599	0.003982	0.003982	0.00080
524134.22	4260245.3	0.000623	0.000674	0.000674	0.00013
524149.22	4260245.3	0.000733	0.000794	0.000794	0.00016
524164.22	4260245.3	0.000864	0.000938	0.000938	0.00019
524179.22	4260245.3	0.001017	0.001109	0.001109	0.00022
524194.22	4260245.3	0.001231	0.001345	0.001345	0.00027
524209.22	4260245.3	0.001515	0.001662	0.001662	0.00033
524224.22	4260245.3	0.001873	0.00206	0.00206	0.00041
524239.22	4260245.3	0.002327	0.002567	0.002567	0.00051
524254.22	4260245.3	0.002921	0.003228	0.003228	0.00065
524269.22	4260245.3	0.003692	0.004087	0.004087	0.00082
524134.22	4260260.3	0.000669	0.000727	0.000727	0.00015
524149.22	4260260.3	0.000792	0.000862	0.000862	0.00017
524164.22	4260260.3	0.000933	0.001019	0.001019	0.00020
524179.22	4260260.3	0.001098	0.001201	0.001201	0.00024
524194.22	4260260.3	0.001317	0.001445	0.001445	0.00029
524209.22	4260260.3	0.00161	0.001771	0.001771	0.00035
524224.22	4260260.3	0.001974	0.002176	0.002176	0.00044
524239.22	4260260.3	0.002429	0.002683	0.002683	0.00054
524254.22	4260260.3	0.003004	0.003323	0.003323	0.00066
524269.22	4260260.3	0.003725	0.004126	0.004126	0.00083
524134.22	4260275.3	0.000697	0.000759	0.000759	0.00015
524149.22	4260275.3	0.000846	0.000923	0.000923	0.00018
524164.22	4260275.3	0.001001	0.001097	0.001097	0.00022
524179.22	4260275.3	0.001183	0.001297	0.001297	0.00026
524194.22	4260275.3	0.00141	0.001549	0.001549	0.00031
524209.22	4260275.3	0.0017	0.001873	0.001873	0.00037
524224.22	4260275.3	0.002058	0.002271	0.002271	0.00045
524239.22	4260275.3	0.002498	0.002762	0.002762	0.00055
524254.22	4260275.3	0.003049	0.003375	0.003375	0.00068
524269.22	4260275.3	0.003725	0.004128	0.004128	0.00083
524134.22	4260290.3	0.000721	0.000788	0.000788	0.00016
524149.22	4260290.3	0.000878	0.000961	0.000961	0.00019
524164.22	4260290.3	0.001058	0.001161	0.001161	0.00023
524179.22	4260290.3	0.001255	0.001379	0.001379	0.00028
524194.22	4260290.3	0.001488	0.001638	0.001638	0.00033
524209.22	4260290.3	0.001772	0.001955	0.001955	0.00039
524224.22	4260290.3	0.00212	0.002343	0.002343	0.00047
524239.22	4260290.3	0.002539	0.002809	0.002809	0.00056
524254.22	4260290.3	0.003058	0.003387	0.003387	0.00068
524269.22	4260290.3	0.003679	0.004079	0.004079	0.00082
524134.22	4260305.3	0.000754	0.000827	0.000827	0.00017
524149.22	4260305.3	0.000906	0.000995	0.000995	0.00020
524164.22	4260305.3	0.001103	0.001214	0.001214	0.00024
524179.22	4260305.3	0.00131	0.001442	0.001442	0.00029
524194.22	4260305.3	0.001549	0.001708	0.001708	0.00034
524209.22	4260305.3	0.00183	0.002021	0.002021	0.00040
524224.22	4260305.3	0.002166	0.002396	0.002396	0.00048
524239.22	4260305.3	0.002564	0.002839	0.002839	0.00057
524254.22	4260305.3	0.00304	0.003369	0.003369	0.00067
524269.22	4260305.3	0.003596	0.003988	0.003988	0.00080
524134.22	4260320.3	0.000787	0.000863	0.000863	0.00017
524149.22	4260320.3	0.000934	0.001028	0.001028	0.00021
524164.22	4260320.3	0.001126	0.00124	0.00124	0.00025
524179.22	4260320.3	0.001347	0.001485	0.001485	0.00030
524194.22	4260320.3	0.001586	0.001752	0.001752	0.00035
524209.22	4260320.3	0.001865	0.00206	0.00206	0.00041
524224.22	4260320.3	0.002186	0.002417	0.002417	0.00048
524239.22	4260320.3	0.002558	0.002832	0.002832	0.00057
524254.22	4260320.3	0.002989	0.003314	0.003314	0.00066
524269.22	4260320.3	0.003482	0.003863	0.003863	0.00077
524134.22	4260335.3	0.000818	0.0009	0.0009	0.00018
524149.22	4260335.3	0.00097	0.001067	0.001067	0.00021
524164.22	4260335.3	0.001157	0.001276	0.001276	0.00026
524179.22	4260335.3	0.001376	0.001517	0.001517	0.00030
524194.22	4260335.3	0.001608	0.001776	0.001776	0.00036
524209.22	4260335.3	0.001869	0.002067	0.002067	0.00041
524224.22	4260335.3	0.002171	0.002403	0.002403	0.00048
524239.22	4260335.3	0.002517	0.002788	0.002788	0.00056
524254.22	4260335.3	0.002913	0.003229	0.003229	0.00065
524269.22	4260335.3	0.003359	0.003725	0.003725	0.00075
524134.22	4260350.3	0.000848	0.000934	0.000934	0.00019
524149.22	4260350.3	0.000998	0.001101	0.001101	0.00022
524164.22	4260350.3	0.001186	0.001308	0.001308	0.00026
524179.22	4260350.3	0.001391	0.001537	0.001537	0.00031
524194.22	4260350.3	0.001613	0.001783	0.001783	0.00036
524209.22	4260350.3	0.00186	0.002058	0.002058	0.00041
524224.22	4260350.3	0.002142	0.002372	0.002372	0.00047
524239.22	4260350.3	0.00246	0.002727	0.002727	0.00055
524254.22	4260350.3	0.002818	0.003126	0.003126	0.00063
524269.22	4260350.3	0.003214	0.003567	0.003567	0.00071
524204.65	4260012.52	0.000478	0.000432	0.000478	0.00010
524203.43	4260005.01	0.000459	0.000416	0.000459	0.00009
524204.65	4259997.73	0.000445	0.000408	0.000445	0.00009
524204.4	4259988.28	0.00043	0.000396	0.00043	0.00009
524189.13	4260004.28	0.000446	0.000386	0.000446	0.00009
524189.37	4259993.85	0.000427	0.000373	0.000427	0.00009
524190.83	4259982.7	0.000417	0.000367	0.000417	0.00008
524246.78	4259946.49	0.000534	0.000547	0.000547	0.00011
524255.34	4259929.66	0.000561	0.00058	0.00058	0.00012
524250.49	4259937.65	0.000544	0.00056	0.00056	0.00011
524232.52	4259935.94	0.000472	0.000472	0.000472	0.00009
524220.54	4259937.94	0.000438	0.000427	0.000438	0.00009
524212.55	4259949.92	0.000422	0.000404	0.000422	0.00008
524206.28	4259957.62	0.000416	0.000389	0.000416	0.00008
524199.43	4259957.05	0.000408	0.000374	0.000408	0.00008
524188.31	4259954.48	0.00041	0.000358	0.00041	0.00008
524196.86	4259946.49	0.000407	0.000368	0.000407	0.00008
524203.71	4259947.63	0.00041	0.000381	0.00041	0.00008
524199.43	4259934.8	0.000407	0.000372	0.000407	0.00008
524206.56	4259925.1	0.000413	0.000387	0.000413	0.00008
524213.12	4259917.68	0.000419	0.000401	0.000419	0.00008
524241.93	4259920.25	0.000496	0.000505	0.000505	0.00010
524215.97	4259907.7	0.000424	0.000407	0.000424	0.00008
524221.11	4259892.3	0.000429	0.000417	0.000429	0.00009
524238.79	4259898.86	0.000473	0.000477	0.000477	0.00010
524238.79	4259907.98	0.000478	0.000483	0.000483	0.00010
524237.37	4259884.59	0.000461	0.000462	0.000462	0.00009
524214.83	4259881.17	0.000421	0.000401	0.000421	0.00008
524203.14	4259873.47	0.000415	0.00038	0.000415	0.00008
524198.29	4259867.19	0.000419	0.000375	0.000419	0.00008
524232.8	4259867.19	0.000445	0.000439	0.000445	0.00009
524233.09	4259857.5	0.00044	0.000433	0.00044	0.00009
524235.66	4259852.36	0.000444	0.000437	0.000444	0.00009
524239.65	4259845.51	0.000446	0.000442	0.000446	0.00009
524243.93	4259834.68	0.000448	0.000444	0.000448	0.00009
524250.49	4259823.84	0.000451	0.000449	0.000451	0.00009
524243.64	4259822.12	0.000439	0.000432	0.000439	0.00009
524232.8	4259816.13	0.000425	0.000407	0.000425	0.00008
524225.1	4259826.4	0.000422	0.0004	0.000422	0.00008
524218.26	4259836.67	0.000421	0.000395	0.000421	0.00008
524210.55	4259846.94	0.000418	0.000386	0.000418	0.00008
524202	4259857.5	0.000421	0.000379	0.000421	0.00008
524265.77	4259728.17	0.00043	0.000387	0.00043	0.00009
524273.47	4259713.63	0.000426	0.000383	0.000426	0.00009
524276.89	4259698.51	0.000418	0.000374	0.000418	0.00008
524260.92	4259693.94	0.000485	0.000396	0.000485	0.00010
524251.79	4259711.06	0.000512	0.000412	0.000512	0.00010
524250.65	4259723.04	0.000488	0.000404	0.000488	0.00010
524265.2	4259620.63	0.000545	0.000405	0.000545	0.00011
524284.88	4259588.39	0.000494	0.000375	0.000494	0.00010
524305.71	4259554.73	0.000512	0.000383	0.000512	0.00010
524315.12	4259565	0.000421	0.000342	0.000421	0.00008
524303.99	4259604.08	0.00039	0.000335	0.00039	0.00008
524638.04	4260127.68	0.002685	0.002987	0.002987	0.00060
524645.94	4260114.25	0.002328	0.002589	0.002589	0.00052
524647.12	4260105.17	0.002234	0.002484	0.002484	0.00050
524662.52	4260077.53	0.001682	0.00187	0.00187	0.00037
524692.14	4260053.84	0.001158	0.001285	0.001285	0.00026
524752.55	4260050.68	0.000765	0.00085	0.00085	0.00017
524338.94	4260404.55	0.003614	0.004017	0.004017	0.00080
524441.43	4260403.88	0.003941	0.004383	0.004383	0.00088
524538.99	4260369.97	0.002512	0.002794	0.002794	0.00056
524566.4	4260356.96	0.002255	0.002507	0.002507	0.00050
524530.17	4260389.94	0.002404	0.002674	0.002674	0.00053
524498.28	4260239.21	0.013379	0.014891	0.014891	0.00298
524477.41	4260262.98	0.013034	0.014506	0.014506	0.00290
524494.8	4260256.02	0.011798	0.013131	0.013131	0.00263
524515.67	4260222.4	0.012339	0.013733	0.013733	0.00275
524519.73	4260238.63	0.0101	0.01124	0.01124	0.00225
524519.15	4260249.06	0.00924	0.010283	0.010283	0.00206
524529	4260210.8	0.011382	0.012667	0.012667	0.00253
524535.38	4260221.82	0.009666	0.010758	0.010758	0.00215
524534.22	4260237.47	0.008557	0.009523	0.009523	0.00190
524546.97	4260196.89	0.009601	0.010686	0.010686	0.00214
524546.97	4260211.38	0.008854	0.009853	0.009853	0.00197
524549.87	4260224.14	0.007857	0.008744	0.008744	0.00175
524560.3	4260187.04	0.008372	0.009317	0.009317	0.00186
524569	4260203.85	0.006829	0.007598	0.007598	0.00152
524580.01	4260180.66	0.006547	0.007285	0.007285	0.00146
524580.01	4260198.05	0.006131	0.006822	0.006822	0.00136
524588.13	4260163.27	0.006048	0.006729	0.006729	0.00135
524598.57	4260182.98	0.005067	0.005637	0.005637	0.00113
524596.25	4260169.64	0.005315	0.005913	0.005913	0.00118

A	A	2212	2212	Male	Yellowcurrant beer tide
241	241	Agreeable	Agreeable	Male	Yellowcurrant beer tide
Assault	Assault	Pale 2	Pale 2	Pale 2	Ballpoint livestock suffragette wave
Assault	Assault	Pale 2	Pale 2	Pale 2	Ballpoint livestock suffragette wave
0.000	0.000	0.000	0.000	0.000	Kennel foreclosure
0.000	0.000	0.000	0.000	0.000	No

Ultrasound Emerald Kite

Thin Ivy

Annual earnings Fred 2.5 Dinosaur Coffee Oven

A	A	2212	2212	Male	Yellowcurrant beer tide
241	241	Agreeable	Agreeable	Male	Yellowcurrant beer tide
Assault	Assault	Pale 2	Pale 2	Pale 2	Ballpoint livestock suffragette wave
Assault	Assault	Pale 2	Pale 2	Pale 2	Ballpoint livestock suffragette wave
0.000	0.000	0.000	0.000	0.000	Kennel foreclosure
0.000	0.000	0.000	0.000	0.000	No

of Sanctuary Ecosystem

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**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.2.0
** Lakes Environmental Software Inc.
** Date: 6/3/2017
** File: C:\Users\xli\Desktop\3316.0022 Oakmont Emerald Isle\Construction AERMOD\Construction AERMOD\Construction AERMOD.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
  TITLEONE C:\Users\xli\Desktop\3316.0022 Oakmont Emerald Isle\Construction AER
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  POLLUTID DPM
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "Construction AERMOD.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY   524342.115  4260157.784     156.550
** DESCRSRC construction area source
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC line
** PREFIX
** Length of Side = 9.00
** Configuration = Adjacent
** Emission Rate = 0.0001
** Elevated
** Vertical Dimension = 6.22
** SZINIT = 1.45
** Nodes = 22
** 524359.909, 4260066.905, 165.11, 3.11, 4.19
** 524280.726, 4260053.559, 151.76, 3.11, 4.19
** 524189.977, 4260041.993, 152.48, 3.11, 4.19
** 524143.713, 4260038.435, 151.99, 3.11, 4.19
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** 524157.058, 4259839.142, 133.97, 3.11, 4.19
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** 524213.109, 4259719.033, 125.98, 3.11, 4.19
** 524238.910, 4259672.769, 126.90, 3.11, 4.19
** 524245.138, 4259604.263, 125.92, 3.11, 4.19
** 524260.263, 4259578.461, 125.29, 3.11, 4.19
** 524306.527, 4259522.411, 122.62, 3.11, 4.19
** 524328.770, 4259476.146, 125.65, 3.11, 4.19
** 524330.549, 4259425.434, 129.97, 3.11, 4.19
** 524318.093, 4259366.714, 136.88, 3.11, 4.19
** 524325.211, 4259314.222, 134.00, 3.11, 4.19
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** 524400.835, 4259082.011, 119.51, 3.11, 4.19
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LOCATION L0000099 VOLUME 524328.692 4259416.679 130.47

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  LOCATION L0000134    VOLUME   524373.236 4259112.197 118.76
  LOCATION L0000135    VOLUME   524379.309 4259105.555 119.00
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  LOCATION L0000137    VOLUME   524391.454 4259092.271 119.22
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** Source Parameters **
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  AREAVERT PAREA1     524498.091 4260083.572 524503.150 4259997.259
  AREAVERT PAREA1     524423.897 4259994.839 524374.996 4260044.046
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  SRCPARAM L0000010   0.0000007246   3.11   4.19   1.45
  SRCPARAM L0000011   0.0000007246   3.11   4.19   1.45
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  SRCPARAM L0000137    0.0000007246    3.11    4.19    1.45
  SRCPARAM L0000138    0.0000007246    3.11    4.19    1.45
** ------------------------------------------------------------------------

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
  EMISFACT PAREA1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
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  EMISFACT L0000001    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT L0000001    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000002    HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
  EMISFACT L0000002    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
  EMISFACT L0000002    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT L0000003    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000132    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000133    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000135    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138    HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP AREA    PAREA1
SRCGROUP LINE    L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
SRCGROUP LINE    L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
SRCGROUP LINE    L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
SRCGROUP LINE    L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
SRCGROUP LINE    L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
SRCGROUP LINE    L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
SRCGROUP LINE    L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
SRCGROUP LINE    L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
SRCGROUP LINE    L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
SRCGROUP LINE    L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
SRCGROUP LINE    L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
SRCGROUP LINE    L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
SRCGROUP LINE    L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
SRCGROUP LINE    L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
SRCGROUP LINE    L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
SRCGROUP LINE    L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
SRCGROUP LINE    L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
SRCGROUP LINE    L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
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  SRCGROUP LINE    L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
  SRCGROUP LINE    L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
  SRCGROUP LINE    L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
  SRCGROUP LINE    L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
  SRCGROUP LINE    L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
  SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
  INCLUDED "Construction AERMOD.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
  SURFFILE ..\724957\724957.SFC
  PROFFILE ..\724957\724957.PFL
  SURFDATA 23213 2009
  UAIRDATA 23230 2009 OAKLAND/WSO_AP
  PROFBASE 34.8 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "Construction AERMOD.AD\AN00GALL.PLT" 31
  PLOTFILE ANNUAL AREA "Construction AERMOD.AD\AN00G001.PLT" 32
  PLOTFILE ANNUAL LINE "Construction AERMOD.AD\AN00G002.PLT" 33
  SUMMFILE "Construction AERMOD.sum"
OU FINISHED

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

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** 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 RURAL Dispersion Only.

**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.

**Other Options Specified:
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 139 Source(s); 3 Source Group(s); and 283 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 138 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)

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

**The AERMET Input Meteorological Data Version Date: 14134

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
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) = 34.80 ; 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.

**Detailed Error/Message File: Construction AERMOD.err
**File for Summary of Results: Construction AERMOD.sum

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000001	0	0.72460E-06	524355.5	4260066.2	163.3	3.11	4.19	1.45	NO	HRDOW
L0000002	0	0.72460E-06	524346.6	4260064.7	161.5	3.11	4.19	1.45	NO	HRDOW
L0000003	0	0.72460E-06	524337.7	4260063.2	159.8	3.11	4.19	1.45	NO	HRDOW
L0000004	0	0.72460E-06	524328.8	4260061.7	158.3	3.11	4.19	1.45	NO	HRDOW
L0000005	0	0.72460E-06	524320.0	4260060.2	156.9	3.11	4.19	1.45	NO	HRDOW
L0000006	0	0.72460E-06	524311.1	4260058.7	155.5	3.11	4.19	1.45	NO	HRDOW
L0000007	0	0.72460E-06	524302.2	4260057.2	154.2	3.11	4.19	1.45	NO	HRDOW
L0000008	0	0.72460E-06	524293.3	4260055.7	153.4	3.11	4.19	1.45	NO	HRDOW
L0000009	0	0.72460E-06	524284.5	4260054.2	152.5	3.11	4.19	1.45	NO	HRDOW
L0000010	0	0.72460E-06	524275.6	4260052.9	151.6	3.11	4.19	1.45	NO	HRDOW
L0000011	0	0.72460E-06	524266.6	4260051.8	151.3	3.11	4.19	1.45	NO	HRDOW
L0000012	0	0.72460E-06	524257.7	4260050.6	151.3	3.11	4.19	1.45	NO	HRDOW
L0000013	0	0.72460E-06	524248.8	4260049.5	151.2	3.11	4.19	1.45	NO	HRDOW
L0000014	0	0.72460E-06	524239.9	4260048.3	151.1	3.11	4.19	1.45	NO	HRDOW
L0000015	0	0.72460E-06	524230.9	4260047.2	151.0	3.11	4.19	1.45	NO	HRDOW
L0000016	0	0.72460E-06	524222.0	4260046.1	150.9	3.11	4.19	1.45	NO	HRDOW
L0000017	0	0.72460E-06	524213.1	4260044.9	150.8	3.11	4.19	1.45	NO	HRDOW
L0000018	0	0.72460E-06	524204.1	4260043.8	151.2	3.11	4.19	1.45	NO	HRDOW
L0000019	0	0.72460E-06	524195.2	4260042.7	151.6	3.11	4.19	1.45	NO	HRDOW
L0000020	0	0.72460E-06	524186.3	4260041.7	152.0	3.11	4.19	1.45	NO	HRDOW
L0000021	0	0.72460E-06	524177.3	4260041.0	152.1	3.11	4.19	1.45	NO	HRDOW
L0000022	0	0.72460E-06	524168.3	4260040.3	152.0	3.11	4.19	1.45	NO	HRDOW
L0000023	0	0.72460E-06	524159.3	4260039.6	151.8	3.11	4.19	1.45	NO	HRDOW
L0000024	0	0.72460E-06	524150.4	4260038.9	151.7	3.11	4.19	1.45	NO	HRDOW
L0000025	0	0.72460E-06	524143.8	4260036.1	151.3	3.11	4.19	1.45	NO	HRDOW
L0000026	0	0.72460E-06	524144.0	4260027.1	150.1	3.11	4.19	1.45	NO	HRDOW
L0000027	0	0.72460E-06	524144.2	4260018.1	148.8	3.11	4.19	1.45	NO	HRDOW
L0000028	0	0.72460E-06	524144.5	4260009.1	147.8	3.11	4.19	1.45	NO	HRDOW
L0000029	0	0.72460E-06	524144.7	4260000.1	146.8	3.11	4.19	1.45	NO	HRDOW
L0000030	0	0.72460E-06	524144.9	4259991.1	145.8	3.11	4.19	1.45	NO	HRDOW
L0000031	0	0.72460E-06	524145.2	4259982.1	144.8	3.11	4.19	1.45	NO	HRDOW
L0000032	0	0.72460E-06	524145.4	4259973.1	143.7	3.11	4.19	1.45	NO	HRDOW
L0000033	0	0.72460E-06	524145.6	4259964.1	142.6	3.11	4.19	1.45	NO	HRDOW
L0000034	0	0.72460E-06	524145.8	4259955.1	141.6	3.11	4.19	1.45	NO	HRDOW
L0000035	0	0.72460E-06	524146.1	4259946.1	141.1	3.11	4.19	1.45	NO	HRDOW
L0000036	0	0.72460E-06	524146.3	4259937.2	140.5	3.11	4.19	1.45	NO	HRDOW
L0000037	0	0.72460E-06	524146.8	4259928.2	139.9	3.11	4.19	1.45	NO	HRDOW
L0000038	0	0.72460E-06	524147.5	4259919.2	139.3	3.11	4.19	1.45	NO	HRDOW
L0000039	0	0.72460E-06	524148.1	4259910.2	138.7	3.11	4.19	1.45	NO	HRDOW
L0000040	0	0.72460E-06	524148.8	4259901.2	138.2	3.11	4.19	1.45	NO	HRDOW

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000041	0	0.72460E-06	524149.4	4259892.3	137.6	3.11	4.19	1.45	NO	HRDOW
L0000042	0	0.72460E-06	524150.1	4259883.3	137.1	3.11	4.19	1.45	NO	HRDOW
L0000043	0	0.72460E-06	524150.7	4259874.3	136.5	3.11	4.19	1.45	NO	HRDOW
L0000044	0	0.72460E-06	524152.2	4259865.4	135.9	3.11	4.19	1.45	NO	HRDOW
L0000045	0	0.72460E-06	524153.8	4259856.6	135.3	3.11	4.19	1.45	NO	HRDOW
L0000046	0	0.72460E-06	524155.5	4259847.7	134.8	3.11	4.19	1.45	NO	HRDOW
L0000047	0	0.72460E-06	524157.1	4259838.9	134.2	3.11	4.19	1.45	NO	HRDOW
L0000048	0	0.72460E-06	524160.2	4259830.4	133.5	3.11	4.19	1.45	NO	HRDOW
L0000049	0	0.72460E-06	524163.2	4259822.0	132.9	3.11	4.19	1.45	NO	HRDOW
L0000050	0	0.72460E-06	524166.3	4259813.5	132.3	3.11	4.19	1.45	NO	HRDOW
L0000051	0	0.72460E-06	524169.3	4259805.0	131.8	3.11	4.19	1.45	NO	HRDOW
L0000052	0	0.72460E-06	524172.3	4259796.5	130.8	3.11	4.19	1.45	NO	HRDOW
L0000053	0	0.72460E-06	524175.9	4259788.3	129.8	3.11	4.19	1.45	NO	HRDOW
L0000054	0	0.72460E-06	524180.2	4259780.4	128.6	3.11	4.19	1.45	NO	HRDOW
L0000055	0	0.72460E-06	524184.4	4259772.5	127.8	3.11	4.19	1.45	NO	HRDOW
L0000056	0	0.72460E-06	524188.7	4259764.5	127.7	3.11	4.19	1.45	NO	HRDOW
L0000057	0	0.72460E-06	524193.0	4259756.6	127.5	3.11	4.19	1.45	NO	HRDOW
L0000058	0	0.72460E-06	524197.2	4259748.7	127.1	3.11	4.19	1.45	NO	HRDOW
L0000059	0	0.72460E-06	524201.5	4259740.7	126.7	3.11	4.19	1.45	NO	HRDOW
L0000060	0	0.72460E-06	524205.7	4259732.8	126.4	3.11	4.19	1.45	NO	HRDOW
L0000061	0	0.72460E-06	524210.0	4259724.9	126.2	3.11	4.19	1.45	NO	HRDOW
L0000062	0	0.72460E-06	524214.3	4259717.0	126.0	3.11	4.19	1.45	NO	HRDOW
L0000063	0	0.72460E-06	524218.6	4259709.1	126.0	3.11	4.19	1.45	NO	HRDOW
L0000064	0	0.72460E-06	524223.0	4259701.2	126.0	3.11	4.19	1.45	NO	HRDOW
L0000065	0	0.72460E-06	524227.4	4259693.4	126.0	3.11	4.19	1.45	NO	HRDOW
L0000066	0	0.72460E-06	524231.8	4259685.5	126.2	3.11	4.19	1.45	NO	HRDOW
L0000067	0	0.72460E-06	524236.2	4259677.7	126.5	3.11	4.19	1.45	NO	HRDOW
L0000068	0	0.72460E-06	524239.2	4259669.4	126.7	3.11	4.19	1.45	NO	HRDOW
L0000069	0	0.72460E-06	524240.0	4259660.4	126.8	3.11	4.19	1.45	NO	HRDOW
L0000070	0	0.72460E-06	524240.8	4259651.5	126.8	3.11	4.19	1.45	NO	HRDOW
L0000071	0	0.72460E-06	524241.7	4259642.5	126.9	3.11	4.19	1.45	NO	HRDOW
L0000072	0	0.72460E-06	524242.5	4259633.5	126.9	3.11	4.19	1.45	NO	HRDOW
L0000073	0	0.72460E-06	524243.3	4259624.6	126.9	3.11	4.19	1.45	NO	HRDOW
L0000074	0	0.72460E-06	524244.1	4259615.6	126.7	3.11	4.19	1.45	NO	HRDOW
L0000075	0	0.72460E-06	524244.9	4259606.6	126.5	3.11	4.19	1.45	NO	HRDOW
L0000076	0	0.72460E-06	524248.5	4259598.6	126.5	3.11	4.19	1.45	NO	HRDOW
L0000077	0	0.72460E-06	524253.0	4259590.8	126.4	3.11	4.19	1.45	NO	HRDOW
L0000078	0	0.72460E-06	524257.6	4259583.0	126.2	3.11	4.19	1.45	NO	HRDOW
L0000079	0	0.72460E-06	524262.6	4259575.6	126.2	3.11	4.19	1.45	NO	HRDOW
L0000080	0	0.72460E-06	524268.3	4259568.7	126.4	3.11	4.19	1.45	NO	HRDOW

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000081	0	0.72460E-06	524274.1	4259561.7	126.2	3.11	4.19	1.45	NO	HRDOW
L0000082	0	0.72460E-06	524279.8	4259554.8	125.5	3.11	4.19	1.45	NO	HRDOW
L0000083	0	0.72460E-06	524285.5	4259547.8	124.9	3.11	4.19	1.45	NO	HRDOW
L0000084	0	0.72460E-06	524291.3	4259540.9	124.4	3.11	4.19	1.45	NO	HRDOW
L0000085	0	0.72460E-06	524297.0	4259534.0	123.8	3.11	4.19	1.45	NO	HRDOW
L0000086	0	0.72460E-06	524302.7	4259527.0	123.0	3.11	4.19	1.45	NO	HRDOW
L0000087	0	0.72460E-06	524307.8	4259519.7	122.1	3.11	4.19	1.45	NO	HRDOW
L0000088	0	0.72460E-06	524311.7	4259511.6	121.3	3.11	4.19	1.45	NO	HRDOW
L0000089	0	0.72460E-06	524315.6	4259503.5	121.3	3.11	4.19	1.45	NO	HRDOW
L0000090	0	0.72460E-06	524319.5	4259495.3	122.0	3.11	4.19	1.45	NO	HRDOW
L0000091	0	0.72460E-06	524323.4	4259487.2	122.9	3.11	4.19	1.45	NO	HRDOW
L0000092	0	0.72460E-06	524327.3	4259479.1	124.1	3.11	4.19	1.45	NO	HRDOW
L0000093	0	0.72460E-06	524329.0	4259470.5	123.9	3.11	4.19	1.45	NO	HRDOW
L0000094	0	0.72460E-06	524329.3	4259461.5	123.0	3.11	4.19	1.45	NO	HRDOW
L0000095	0	0.72460E-06	524329.6	4259452.5	122.0	3.11	4.19	1.45	NO	HRDOW
L0000096	0	0.72460E-06	524329.9	4259443.5	122.2	3.11	4.19	1.45	NO	HRDOW
L0000097	0	0.72460E-06	524330.2	4259434.5	124.8	3.11	4.19	1.45	NO	HRDOW
L0000098	0	0.72460E-06	524330.5	4259425.5	127.3	3.11	4.19	1.45	NO	HRDOW
L0000099	0	0.72460E-06	524328.7	4259416.7	130.5	3.11	4.19	1.45	NO	HRDOW
L0000100	0	0.72460E-06	524326.8	4259407.9	133.3	3.11	4.19	1.45	NO	HRDOW
L0000101	0	0.72460E-06	524325.0	4259399.1	136.0	3.11	4.19	1.45	NO	HRDOW
L0000102	0	0.72460E-06	524323.1	4259390.3	138.5	3.11	4.19	1.45	NO	HRDOW
L0000103	0	0.72460E-06	524321.2	4259381.5	139.2	3.11	4.19	1.45	NO	HRDOW
L0000104	0	0.72460E-06	524319.4	4259372.7	138.5	3.11	4.19	1.45	NO	HRDOW
L0000105	0	0.72460E-06	524318.5	4259363.8	137.7	3.11	4.19	1.45	NO	HRDOW
L0000106	0	0.72460E-06	524319.7	4259354.9	136.8	3.11	4.19	1.45	NO	HRDOW
L0000107	0	0.72460E-06	524320.9	4259346.0	135.9	3.11	4.19	1.45	NO	HRDOW
L0000108	0	0.72460E-06	524322.1	4259337.1	135.1	3.11	4.19	1.45	NO	HRDOW
L0000109	0	0.72460E-06	524323.3	4259328.1	134.4	3.11	4.19	1.45	NO	HRDOW
L0000110	0	0.72460E-06	524324.5	4259319.2	133.7	3.11	4.19	1.45	NO	HRDOW
L0000111	0	0.72460E-06	524326.6	4259310.5	133.1	3.11	4.19	1.45	NO	HRDOW
L0000112	0	0.72460E-06	524329.8	4259302.1	132.4	3.11	4.19	1.45	NO	HRDOW
L0000113	0	0.72460E-06	524333.1	4259293.7	131.4	3.11	4.19	1.45	NO	HRDOW
L0000114	0	0.72460E-06	524336.3	4259285.3	130.1	3.11	4.19	1.45	NO	HRDOW
L0000115	0	0.72460E-06	524339.5	4259276.9	128.9	3.11	4.19	1.45	NO	HRDOW
L0000116	0	0.72460E-06	524342.7	4259268.5	127.6	3.11	4.19	1.45	NO	HRDOW
L0000117	0	0.72460E-06	524345.9	4259260.1	126.2	3.11	4.19	1.45	NO	HRDOW
L0000118	0	0.72460E-06	524349.2	4259251.7	125.1	3.11	4.19	1.45	NO	HRDOW
L0000119	0	0.72460E-06	524352.8	4259243.5	124.4	3.11	4.19	1.45	NO	HRDOW
L0000120	0	0.72460E-06	524356.4	4259235.2	124.0	3.11	4.19	1.45	NO	HRDOW

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000121	0	0.72460E-06	524360.0	4259227.0	124.4	3.11	4.19	1.45	NO	HRDOW
L0000122	0	0.72460E-06	524363.6	4259218.7	124.8	3.11	4.19	1.45	NO	HRDOW
L0000123	0	0.72460E-06	524367.0	4259210.5	124.9	3.11	4.19	1.45	NO	HRDOW
L0000124	0	0.72460E-06	524367.0	4259201.5	123.7	3.11	4.19	1.45	NO	HRDOW
L0000125	0	0.72460E-06	524367.0	4259192.5	122.1	3.11	4.19	1.45	NO	HRDOW
L0000126	0	0.72460E-06	524367.0	4259183.5	120.5	3.11	4.19	1.45	NO	HRDOW
L0000127	0	0.72460E-06	524367.0	4259174.5	119.0	3.11	4.19	1.45	NO	HRDOW
L0000128	0	0.72460E-06	524367.0	4259165.5	117.8	3.11	4.19	1.45	NO	HRDOW
L0000129	0	0.72460E-06	524367.0	4259156.5	116.5	3.11	4.19	1.45	NO	HRDOW
L0000130	0	0.72460E-06	524367.1	4259147.5	115.2	3.11	4.19	1.45	NO	HRDOW
L0000131	0	0.72460E-06	524368.5	4259138.6	116.0	3.11	4.19	1.45	NO	HRDOW
L0000132	0	0.72460E-06	524369.8	4259129.7	117.1	3.11	4.19	1.45	NO	HRDOW
L0000133	0	0.72460E-06	524371.2	4259120.8	118.3	3.11	4.19	1.45	NO	HRDOW
L0000134	0	0.72460E-06	524373.2	4259112.2	118.8	3.11	4.19	1.45	NO	HRDOW
L0000135	0	0.72460E-06	524379.3	4259105.6	119.0	3.11	4.19	1.45	NO	HRDOW
L0000136	0	0.72460E-06	524385.4	4259098.9	119.2	3.11	4.19	1.45	NO	HRDOW
L0000137	0	0.72460E-06	524391.5	4259092.3	119.2	3.11	4.19	1.45	NO	HRDOW
L0000138	0	0.72460E-06	524397.5	4259085.6	119.3	3.11	4.19	1.45	NO	HRDOW

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
PAREA1	0	0.10000E-03	524342.1	4260157.8	156.6	5.00	6	0.00	NO	HRDOW

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs
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AREA PAREA1 ,

LINE L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 , L0000072 ,
L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 , L0000080 ,
L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 , L0000088 ,
L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 , L0000096 ,
L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 , L0000104 ,
L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 ,
L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 ,
L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , L0000128 ,
L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 ,
L0000137 , L0000138 ,

ALL PAREA1 , L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 ,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 ,

L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 ,

L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 ,

L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 ,

L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 ,

L0000048 , L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 ,

L0000056 , L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 ,

L0000064 , L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 , L0000071 ,

L0000072 , L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 , L0000079 ,

L0000080 , L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 , L0000087 ,

L0000088 , L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 , L0000095 ,

L0000096 , L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 , L0000103 ,

L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 ,

L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 ,

L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 ,

L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 ,

L0000136 , L0000137 , L0000138 ,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000011 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000012 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000037 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000043 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000060 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000091 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000092 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000094 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000101 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000102 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000103 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000116 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000129 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000130 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000132 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
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	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
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
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 FLGPOL RURAL

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

524134.2, 524149.2, 524164.2, 524179.2, 524194.2, 524209.2, 524224.2, 524239.2, 524254.2, 524269.2,

*** Y-COORDINATES OF GRID ***
(METERS)

4260065.3, 4260080.3, 4260095.3, 4260110.3, 4260125.3, 4260140.3, 4260155.3, 4260170.3, 4260185.3, 4260200.3,
4260215.3, 4260230.3, 4260245.3, 4260260.3, 4260275.3, 4260290.3, 4260305.3, 4260320.3, 4260335.3, 4260350.3,

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	524134.22	524149.22	524164.22	524179.22	524194.22	524209.22	524224.22	524239.22	524254.22
4260350.30	159.70	158.10	155.90	153.50	151.10	148.80	147.80	147.40	147.60
4260335.30	159.90	158.40	156.20	153.70	151.20	148.70	147.50	146.80	146.80
4260320.30	159.90	158.40	156.20	153.70	151.20	148.70	147.30	146.40	146.20
4260305.30	159.30	157.40	154.70	151.60	149.40	147.40	146.30	145.50	145.40
4260290.30	158.50	156.10	152.70	148.90	146.90	145.70	145.00	144.40	144.60
4260275.30	156.50	153.60	150.10	146.20	144.90	144.70	144.40	144.10	144.20
4260260.30	154.10	150.70	147.20	143.70	143.10	143.90	144.10	144.00	144.00
4260245.30	150.90	148.00	145.30	142.80	142.70	143.70	144.00	144.00	144.10
4260230.30	147.50	145.30	143.70	142.40	142.70	143.70	144.00	144.00	144.30
4260215.30	144.10	142.90	142.20	141.80	142.50	143.60	144.30	144.60	145.20
4260200.30	140.80	140.60	140.70	141.00	142.10	143.60	144.60	145.50	146.40
4260185.30	139.80	139.90	140.70	141.80	143.10	144.40	145.70	147.10	148.20
4260170.30	139.40	139.90	141.30	143.10	144.40	145.40	147.10	148.90	150.20
4260155.30	141.00	141.70	143.20	145.00	146.30	147.50	149.00	150.60	151.70
4260140.30	143.20	144.10	145.50	147.00	148.50	150.00	151.20	152.30	153.00
4260125.30	145.50	146.30	147.40	148.70	150.10	151.40	152.30	153.10	153.70
4260110.30	147.80	148.30	149.30	150.30	151.40	152.40	153.10	153.70	154.20
4260095.30	149.90	150.40	150.90	151.60	152.20	152.80	153.20	153.50	153.80
4260080.30	151.90	152.40	152.60	152.70	152.80	153.00	153.00	153.10	153.20
4260065.30	152.40	152.90	153.00	153.00	152.70	152.40	152.20	152.20	152.20

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 524269.22
4260350.30	148.20
4260335.30	147.20
4260320.30	146.20
4260305.30	145.60
4260290.30	145.00
4260275.30	144.50
4260260.30	144.10
4260245.30	144.30
4260230.30	144.70
4260215.30	145.90
4260200.30	147.40
4260185.30	149.20
4260170.30	151.20
4260155.30	152.50
4260140.30	153.60
4260125.30	154.20
4260110.30	154.70
4260095.30	154.20
4260080.30	153.20
4260065.30	152.20

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	524134.22	524149.22	524164.22	524179.22	524194.22	524209.22	524224.22	524239.22	524254.22
4260350.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260335.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260320.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260305.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260290.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260275.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260260.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260245.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260230.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260215.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260200.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260185.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260170.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260155.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260140.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260125.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260110.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260095.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260080.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00
4260065.30	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00	278.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 524269.22
4260350.30	278.00
4260335.30	278.00
4260320.30	278.00
4260305.30	278.00
4260290.30	278.00
4260275.30	278.00
4260260.30	278.00
4260245.30	278.00
4260230.30	278.00
4260215.30	278.00
4260200.30	278.00
4260185.30	278.00
4260170.30	278.00
4260155.30	278.00
4260140.30	278.00
4260125.30	278.00
4260110.30	278.00
4260095.30	278.00
4260080.30	278.00
4260065.30	278.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	524134.22	524149.22	524164.22	524179.22	524194.22	524209.22	524224.22	524239.22	524254.22
4260350.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260335.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260320.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260305.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260290.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260275.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260260.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260245.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260230.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260215.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260200.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260185.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260170.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260155.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260140.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260125.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260110.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260095.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260080.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
4260065.30	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 524269.22
4260350.30	2.00
4260335.30	2.00
4260320.30	2.00
4260305.30	2.00
4260290.30	2.00
4260275.30	2.00
4260260.30	2.00
4260245.30	2.00
4260230.30	2.00
4260215.30	2.00
4260200.30	2.00
4260185.30	2.00
4260170.30	2.00
4260155.30	2.00
4260140.30	2.00
4260125.30	2.00
4260110.30	2.00
4260095.30	2.00
4260080.30	2.00
4260065.30	2.00

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

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

(524204.6,	4260012.5,	147.0,	278.0,	2.0);	(524203.4,	4260005.0,	146.4,	278.0,	2.0);
(524204.6,	4259997.7,	145.9,	278.0,	2.0);	(524204.4,	4259988.3,	145.1,	278.0,	2.0);
(524189.1,	4260004.3,	146.7,	278.0,	2.0);	(524189.4,	4259993.8,	145.7,	278.0,	2.0);
(524190.8,	4259982.7,	144.8,	278.0,	2.0);	(524246.8,	4259946.5,	146.8,	278.0,	2.0);
(524255.3,	4259929.7,	146.5,	278.0,	2.0);	(524250.5,	4259937.6,	146.6,	278.0,	2.0);
(524232.5,	4259935.9,	145.3,	278.0,	2.0);	(524220.5,	4259937.9,	144.4,	278.0,	2.0);
(524212.5,	4259949.9,	144.5,	278.0,	2.0);	(524206.3,	4259957.6,	144.5,	278.0,	2.0);
(524199.4,	4259957.0,	144.1,	278.0,	2.0);	(524188.3,	4259954.5,	143.2,	278.0,	2.0);
(524196.9,	4259946.5,	143.2,	278.0,	2.0);	(524203.7,	4259947.6,	143.7,	278.0,	2.0);
(524199.4,	4259934.8,	142.6,	278.0,	2.0);	(524206.6,	4259925.1,	142.5,	278.0,	2.0);
(524213.1,	4259917.7,	142.7,	278.0,	2.0);	(524241.9,	4259920.2,	145.4,	278.0,	2.0);
(524216.0,	4259907.7,	142.6,	278.0,	2.0);	(524221.1,	4259892.3,	142.3,	278.0,	2.0);
(524238.8,	4259898.9,	143.8,	278.0,	2.0);	(524238.8,	4259908.0,	144.4,	278.0,	2.0);
(524237.4,	4259884.6,	142.9,	278.0,	2.0);	(524214.8,	4259881.2,	141.5,	278.0,	2.0);
(524203.1,	4259873.5,	140.5,	278.0,	2.0);	(524198.3,	4259867.2,	140.0,	278.0,	2.0);
(524232.8,	4259867.2,	141.7,	278.0,	2.0);	(524233.1,	4259857.5,	141.3,	278.0,	2.0);
(524235.7,	4259852.4,	141.3,	278.0,	2.0);	(524239.6,	4259845.5,	141.2,	278.0,	2.0);
(524243.9,	4259834.7,	140.9,	278.0,	2.0);	(524250.5,	4259823.8,	140.6,	278.0,	2.0);
(524243.6,	4259822.1,	140.5,	278.0,	2.0);	(524232.8,	4259816.1,	139.5,	278.0,	2.0);
(524225.1,	4259826.4,	139.6,	278.0,	2.0);	(524218.3,	4259836.7,	140.2,	278.0,	2.0);
(524210.5,	4259846.9,	139.9,	278.0,	2.0);	(524202.0,	4259857.5,	139.5,	278.0,	2.0);
(524265.8,	4259728.2,	129.9,	278.0,	2.0);	(524273.5,	4259713.6,	129.0,	278.0,	2.0);
(524276.9,	4259698.5,	129.4,	278.0,	2.0);	(524260.9,	4259693.9,	128.2,	278.0,	2.0);
(524251.8,	4259711.1,	127.5,	278.0,	2.0);	(524250.6,	4259723.0,	128.2,	278.0,	2.0);
(524265.2,	4259620.6,	128.4,	278.0,	2.0);	(524284.9,	4259588.4,	128.9,	278.0,	2.0);
(524305.7,	4259554.7,	127.4,	278.0,	2.0);	(524315.1,	4259565.0,	128.8,	278.0,	2.0);
(524304.0,	4259604.1,	130.8,	278.0,	2.0);	(524638.0,	4260127.7,	164.4,	278.0,	2.0);
(524645.9,	4260114.2,	165.3,	278.0,	2.0);	(524647.1,	4260105.2,	165.1,	278.0,	2.0);
(524662.5,	4260077.5,	165.8,	278.0,	2.0);	(524692.1,	4260053.8,	166.5,	278.0,	2.0);
(524752.6,	4260050.7,	162.3,	278.0,	2.0);	(524338.9,	4260404.5,	161.6,	278.0,	2.0);
(524441.4,	4260403.9,	174.2,	278.0,	2.0);	(524539.0,	4260370.0,	191.2,	278.0,	2.0);
(524566.4,	4260357.0,	189.4,	278.0,	2.0);	(524530.2,	4260389.9,	192.8,	278.0,	2.0);
(524498.3,	4260239.2,	159.6,	278.0,	2.0);	(524477.4,	4260263.0,	159.8,	278.0,	2.0);
(524494.8,	4260256.0,	160.1,	278.0,	2.0);	(524515.7,	4260222.4,	159.7,	278.0,	2.0);
(524519.7,	4260238.6,	160.8,	278.0,	2.0);	(524519.2,	4260249.1,	161.7,	278.0,	2.0);
(524529.0,	4260210.8,	158.7,	278.0,	2.0);	(524535.4,	4260221.8,	159.1,	278.0,	2.0);
(524534.2,	4260237.5,	160.8,	278.0,	2.0);	(524547.0,	4260196.9,	158.0,	278.0,	2.0);
(524547.0,	4260211.4,	158.7,	278.0,	2.0);	(524549.9,	4260224.1,	159.5,	278.0,	2.0);
(524560.3,	4260187.0,	157.2,	278.0,	2.0);	(524569.0,	4260203.8,	158.9,	278.0,	2.0);
(524580.0,	4260180.7,	156.7,	278.0,	2.0);	(524580.0,	4260198.0,	158.2,	278.0,	2.0);
(524588.1,	4260163.3,	156.3,	278.0,	2.0);	(524598.6,	4260183.0,	157.8,	278.0,	2.0);
(524596.2,	4260169.6,	157.3,	278.0,	2.0);					

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** 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
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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 FLGPOL RURAL

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

Surface file: ..\724957\724957.SFC Met Version: 14134
Profile file: ..\724957\724957.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23213 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2009 Year: 2009

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
09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	279.9	2.0
09	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	279.2	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	279.9	2.0
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	0.42	0.00	0.	10.0	280.9	2.0
09	01	01	1	10	17.5	-9.000	-9.000	-9.000	157.	-999.	-99999.0	0.03	0.74	0.29	0.00	0.	10.0	282.0	2.0
09	01	01	1	11	32.5	-9.000	-9.000	-9.000	263.	-999.	-99999.0	0.03	0.74	0.24	0.00	0.	10.0	283.1	2.0
09	01	01	1	12	82.0	-9.000	-9.000	-9.000	426.	-999.	-99999.0	0.03	0.74	0.22	0.00	0.	10.0	284.9	2.0
09	01	01	1	13	87.8	0.208	1.039	0.016	462.	228.	-9.3	0.03	0.74	0.22	2.36	999.	10.0	285.9	2.0
09	01	01	1	14	74.7	0.288	1.001	0.015	485.	371.	-28.9	0.05	0.74	0.23	3.36	159.	10.0	285.4	2.0
09	01	01	1	15	49.4	0.351	0.880	0.015	499.	499.	-79.2	0.05	0.74	0.26	4.36	162.	10.0	283.8	2.0
09	01	01	1	16	12.7	0.265	0.561	0.015	502.	331.	-132.2	0.05	0.74	0.34	3.36	164.	10.0	282.5	2.0
09	01	01	1	17	-7.2	0.089	-9.000	-9.000	-999.	102.	8.8	0.05	0.74	0.57	2.36	171.	10.0	281.4	2.0
09	01	01	1	18	-8.3	0.089	-9.000	-9.000	-999.	64.	7.7	0.05	0.74	1.00	2.36	177.	10.0	279.9	2.0
09	01	01	1	19	-4.3	0.066	-9.000	-9.000	-999.	41.	6.1	0.05	0.74	1.00	1.76	164.	10.0	278.8	2.0
09	01	01	1	20	-10.5	0.183	-9.000	-9.000	-999.	188.	52.9	0.05	0.74	1.00	2.86	127.	10.0	278.8	2.0
09	01	01	1	21	-7.6	0.133	-9.000	-9.000	-999.	117.	27.9	0.05	0.74	1.00	2.36	120.	10.0	278.8	2.0
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	278.8	2.0
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	279.2	2.0
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.03	0.74	1.00	0.00	0.	10.0	279.2	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	-999.	-99.00	279.9	99.0	-99.00	-99.00

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

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	524134.22	524149.22	524164.22	524179.22	524194.22	524209.22	524224.22	524239.22	524254.22
4260350.30	0.87720	1.03577	1.23145	1.44828	1.68257	1.94417	2.24221	2.57914	2.95805
4260335.30	0.84466	1.00213	1.20024	1.42832	1.67364	1.95057	2.27019	2.63556	3.05462
4260320.30	0.80873	0.96475	1.16443	1.39759	1.65125	1.94208	2.28161	2.67560	3.13548
4260305.30	0.77393	0.93169	1.13973	1.35485	1.60817	1.90533	2.26150	2.68220	3.18586
4260290.30	0.73573	0.89797	1.08855	1.29367	1.53994	1.84078	2.20907	2.65222	3.20150
4260275.30	0.70639	0.86050	1.02545	1.21412	1.45385	1.76083	2.13949	2.60587	3.18860
4260260.30	0.67408	0.80097	0.94951	1.12084	1.35248	1.66274	2.04791	2.52877	3.13684
4260245.30	0.62194	0.73478	0.86958	1.03166	1.25467	1.55549	1.93407	2.41734	3.04572
4260230.30	0.56541	0.66468	0.78803	0.94253	1.15338	1.43703	1.79910	2.27011	2.90549
4260215.30	0.50696	0.59524	0.70733	0.85081	1.04578	1.30779	1.65196	2.10761	2.73953
4260200.30	0.45017	0.52905	0.62984	0.75995	0.93641	1.17623	1.49381	1.92860	2.53830
4260185.30	0.40530	0.47478	0.56596	0.68540	0.84389	1.05598	1.34529	1.75060	2.32158
4260170.30	0.36692	0.42859	0.51067	0.61926	0.75885	0.94274	1.20257	1.56904	2.08643
4260155.30	0.33839	0.39363	0.46649	0.56190	0.68411	0.84649	1.07098	1.38626	1.83195
4260140.30	0.31406	0.36374	0.42771	0.50983	0.61661	0.75814	0.94790	1.21063	1.58271
4260125.30	0.29185	0.33572	0.39100	0.46144	0.55233	0.67098	0.82823	1.04426	1.34996
4260110.30	0.27129	0.30966	0.35784	0.41800	0.49461	0.59345	0.72351	0.90031	1.14882
4260095.30	0.25205	0.28615	0.32770	0.37935	0.44405	0.52689	0.63499	0.78033	0.98282
4260080.30	0.23428	0.26466	0.30120	0.34591	0.40157	0.47231	0.56376	0.68592	0.85432
4260065.30	0.21757	0.24485	0.27751	0.31730	0.36632	0.42800	0.50755	0.61335	0.75734

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): PAREA1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 524269.22
4260350.30	3.37698
4260335.30	3.52627
4260320.30	3.65724
4260305.30	3.77418
4260290.30	3.85874
4260275.30	3.90406
4260260.30	3.89985
4260245.30	3.86134
4260230.30	3.76042
4260215.30	3.62148
4260200.30	3.41685
4260185.30	3.15415
4260170.30	2.84450
4260155.30	2.48712
4260140.30	2.13206
4260125.30	1.79972
4260110.30	1.51209
4260095.30	1.27749
4260080.30	1.09449
4260065.30	0.95864

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
524204.65	4260012.52	0.31841	524203.43	4260005.01	0.30836
524204.65	4259997.73	0.30730	524204.40	4259988.28	0.30147
524189.13	4260004.28	0.26697	524189.37	4259993.85	0.26126
524190.83	4259982.70	0.26049	524246.78	4259946.49	0.47596
524255.34	4259929.66	0.51151	524250.49	4259937.65	0.49065
524232.52	4259935.94	0.40012	524220.54	4259937.94	0.35094
524212.55	4259949.92	0.32376	524206.28	4259957.62	0.30335
524199.43	4259957.05	0.28170	524188.31	4259954.48	0.25028
524196.86	4259946.49	0.27341	524203.71	4259947.63	0.29404
524199.43	4259934.80	0.28033	524206.56	4259925.10	0.30091
524213.12	4259917.68	0.32103	524241.93	4259920.25	0.43619
524215.97	4259907.70	0.32888	524221.11	4259892.30	0.34142
524238.79	4259898.86	0.40795	524238.79	4259907.98	0.41397
524237.37	4259884.59	0.39264	524214.83	4259881.17	0.31909
524203.14	4259873.47	0.28624	524198.29	4259867.19	0.27347
524232.80	4259867.19	0.36531	524233.09	4259857.50	0.35986
524235.66	4259852.36	0.36372	524239.65	4259845.51	0.36981
524243.93	4259834.68	0.37212	524250.49	4259823.84	0.37816
524243.64	4259822.12	0.35904	524232.80	4259816.13	0.32654
524225.10	4259826.40	0.31712	524218.26	4259836.67	0.30884
524210.55	4259846.94	0.29539	524202.00	4259857.50	0.27883
524265.77	4259728.17	0.28432	524273.47	4259713.63	0.28025
524276.89	4259698.51	0.27200	524260.92	4259693.94	0.24685
524251.79	4259711.06	0.24846	524250.65	4259723.04	0.25722
524265.20	4259620.63	0.20204	524284.88	4259588.39	0.19856
524305.71	4259554.73	0.19401	524315.12	4259565.00	0.21004
524303.99	4259604.08	0.22817	524638.04	4260127.68	2.83432
524645.94	4260114.25	2.45624	524647.12	4260105.17	2.35648
524662.52	4260077.53	1.77325	524692.14	4260053.84	1.21786
524752.55	4260050.68	0.80613	524338.94	4260404.55	3.80975
524441.43	4260403.88	4.15918	524538.99	4260369.97	2.65092
524566.40	4260356.96	2.37859	524530.17	4260389.94	2.53701
524498.28	4260239.21	14.14181	524477.41	4260262.98	13.77617
524494.80	4260256.02	12.46909	524515.67	4260222.40	13.04118
524519.73	4260238.63	10.67239	524519.15	4260249.06	9.76543
524529.00	4260210.80	12.02879	524535.38	4260221.82	10.21628
524534.22	4260237.47	9.04324	524546.97	4260196.89	10.14770
524546.97	4260211.38	9.35687	524549.87	4260224.14	8.30297
524560.30	4260187.04	8.84755	524569.00	4260203.85	7.21438
524580.01	4260180.66	6.91629	524580.01	4260198.05	6.47651

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: AREA ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
524588.13	4260163.27	6.38813	524598.57	4260182.98	5.35106
524596.25	4260169.64	5.61282			

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	524134.22	524149.22	524164.22	524179.22	524194.22	524209.22	524224.22	524239.22	524254.22
4260350.30	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
4260335.30	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
4260320.30	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00008
4260305.30	0.00007	0.00008	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009
4260290.30	0.00008	0.00009	0.00009	0.00010	0.00010	0.00010	0.00010	0.00010	0.00010
4260275.30	0.00009	0.00010	0.00010	0.00011	0.00011	0.00011	0.00011	0.00011	0.00011
4260260.30	0.00010	0.00011	0.00011	0.00012	0.00012	0.00012	0.00012	0.00012	0.00012
4260245.30	0.00011	0.00012	0.00013	0.00013	0.00014	0.00014	0.00014	0.00013	0.00013
4260230.30	0.00012	0.00013	0.00014	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015
4260215.30	0.00014	0.00015	0.00016	0.00016	0.00017	0.00017	0.00017	0.00017	0.00017
4260200.30	0.00015	0.00016	0.00017	0.00018	0.00019	0.00019	0.00019	0.00019	0.00019
4260185.30	0.00016	0.00018	0.00019	0.00020	0.00021	0.00021	0.00022	0.00022	0.00021
4260170.30	0.00018	0.00020	0.00022	0.00023	0.00024	0.00025	0.00025	0.00025	0.00025
4260155.30	0.00021	0.00023	0.00026	0.00027	0.00028	0.00029	0.00029	0.00029	0.00029
4260140.30	0.00024	0.00028	0.00031	0.00033	0.00034	0.00034	0.00034	0.00034	0.00034
4260125.30	0.00029	0.00034	0.00038	0.00040	0.00040	0.00040	0.00040	0.00040	0.00040
4260110.30	0.00035	0.00042	0.00047	0.00049	0.00049	0.00048	0.00048	0.00048	0.00048
4260095.30	0.00044	0.00054	0.00059	0.00060	0.00060	0.00059	0.00059	0.00060	0.00060
4260080.30	0.00053	0.00067	0.00074	0.00075	0.00075	0.00075	0.00076	0.00078	0.00080
4260065.30	0.00066	0.00092	0.00099	0.00099	0.00101	0.00104	0.00108	0.00113	0.00119

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 524269.22
4260350.30	0.00007
4260335.30	0.00008
4260320.30	0.00008
4260305.30	0.00009
4260290.30	0.00010
4260275.30	0.00011
4260260.30	0.00012
4260245.30	0.00013
4260230.30	0.00014
4260215.30	0.00016
4260200.30	0.00018
4260185.30	0.00021
4260170.30	0.00024
4260155.30	0.00028
4260140.30	0.00033
4260125.30	0.00040
4260110.30	0.00048
4260095.30	0.00061
4260080.30	0.00084
4260065.30	0.00126

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
524204.65	4260012.52	0.00055	524203.43	4260005.01	0.00052
524204.65	4259997.73	0.00048	524204.40	4259988.28	0.00045
524189.13	4260004.28	0.00060	524189.37	4259993.85	0.00056
524190.83	4259982.70	0.00053	524246.78	4259946.49	0.00026
524255.34	4259929.66	0.00024	524250.49	4259937.65	0.00025
524232.52	4259935.94	0.00029	524220.54	4259937.94	0.00033
524212.55	4259949.92	0.00036	524206.28	4259957.62	0.00040
524199.43	4259957.05	0.00044	524188.31	4259954.48	0.00054
524196.86	4259946.49	0.00046	524203.71	4259947.63	0.00041
524199.43	4259934.80	0.00044	524206.56	4259925.10	0.00040
524213.12	4259917.68	0.00036	524241.93	4259920.25	0.00026
524215.97	4259907.70	0.00035	524221.11	4259892.30	0.00033
524238.79	4259898.86	0.00027	524238.79	4259907.98	0.00027
524237.37	4259884.59	0.00028	524214.83	4259881.17	0.00037
524203.14	4259873.47	0.00045	524198.29	4259867.19	0.00050
524232.80	4259867.19	0.00031	524233.09	4259857.50	0.00031
524235.66	4259852.36	0.00031	524239.65	4259845.51	0.00030
524243.93	4259834.68	0.00030	524250.49	4259823.84	0.00029
524243.64	4259822.12	0.00031	524232.80	4259816.13	0.00036
524225.10	4259826.40	0.00038	524218.26	4259836.67	0.00040
524210.55	4259846.94	0.00043	524202.00	4259857.50	0.00049
524265.77	4259728.17	0.00050	524273.47	4259713.63	0.00050
524276.89	4259698.51	0.00050	524260.92	4259693.94	0.00078
524251.79	4259711.06	0.00086	524250.65	4259723.04	0.00076
524265.20	4259620.63	0.00110	524284.88	4259588.39	0.00095
524305.71	4259554.73	0.00102	524315.12	4259565.00	0.00069
524303.99	4259604.08	0.00054	524638.04	4260127.68	0.00002
524645.94	4260114.25	0.00002	524647.12	4260105.17	0.00002
524662.52	4260077.53	0.00002	524692.14	4260053.84	0.00002
524752.55	4260050.68	0.00001	524338.94	4260404.55	0.00004
524441.43	4260403.88	0.00003	524538.99	4260369.97	0.00002
524566.40	4260356.96	0.00002	524530.17	4260389.94	0.00002
524498.28	4260239.21	0.00004	524477.41	4260262.98	0.00004
524494.80	4260256.02	0.00004	524515.67	4260222.40	0.00004
524519.73	4260238.63	0.00004	524519.15	4260249.06	0.00003
524529.00	4260210.80	0.00004	524535.38	4260221.82	0.00003
524534.22	4260237.47	0.00003	524546.97	4260196.89	0.00003
524546.97	4260211.38	0.00003	524549.87	4260224.14	0.00003
524560.30	4260187.04	0.00003	524569.00	4260203.85	0.00003
524580.01	4260180.66	0.00003	524580.01	4260198.05	0.00003

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: LINE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
524588.13	4260163.27	0.00003	524598.57	4260182.98	0.00003
524596.25	4260169.64	0.00003			

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , L0000001 , L0000002 , L0000003 , L0000004 ,
L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)								
	524134.22	524149.22	524164.22	524179.22	524194.22	524209.22	524224.22	524239.22	524254.22
4260350.30	0.87726	1.03583	1.23152	1.44835	1.68264	1.94425	2.24229	2.57922	2.95813
4260335.30	0.84472	1.00220	1.20031	1.42840	1.67372	1.95065	2.27027	2.63564	3.05470
4260320.30	0.80880	0.96483	1.16451	1.39767	1.65134	1.94217	2.28170	2.67569	3.13557
4260305.30	0.77401	0.93177	1.13982	1.35494	1.60826	1.90542	2.26159	2.68230	3.18595
4260290.30	0.73582	0.89806	1.08864	1.29377	1.54004	1.84088	2.20917	2.65232	3.20160
4260275.30	0.70648	0.86060	1.02555	1.21423	1.45396	1.76094	2.13960	2.60598	3.18871
4260260.30	0.67418	0.80108	0.94963	1.12096	1.35260	1.66287	2.04803	2.52889	3.13696
4260245.30	0.62205	0.73490	0.86971	1.03179	1.25481	1.55563	1.93421	2.41747	3.04585
4260230.30	0.56553	0.66481	0.78817	0.94267	1.15353	1.43718	1.79925	2.27026	2.90563
4260215.30	0.50710	0.59539	0.70749	0.85097	1.04594	1.30796	1.65213	2.10778	2.73970
4260200.30	0.45031	0.52921	0.63001	0.76013	0.93659	1.17642	1.49400	1.92879	2.53849
4260185.30	0.40546	0.47495	0.56616	0.68560	0.84410	1.05619	1.34550	1.75082	2.32180
4260170.30	0.36710	0.42879	0.51089	0.61950	0.75909	0.94299	1.20282	1.56929	2.08667
4260155.30	0.33860	0.39386	0.46674	0.56217	0.68439	0.84677	1.07127	1.38655	1.83224
4260140.30	0.31430	0.36401	0.42802	0.51016	0.61694	0.75848	0.94824	1.21097	1.58305
4260125.30	0.29214	0.33605	0.39137	0.46183	0.55273	0.67138	0.82863	1.04465	1.35036
4260110.30	0.27165	0.31008	0.35831	0.41849	0.49510	0.59393	0.72399	0.90079	1.14929
4260095.30	0.25248	0.28669	0.32829	0.37995	0.44465	0.52748	0.63558	0.78093	0.98343
4260080.30	0.23481	0.26533	0.30194	0.34666	0.40232	0.47306	0.56452	0.68670	0.85512
4260065.30	0.21824	0.24577	0.27850	0.31829	0.36733	0.42905	0.50864	0.61447	0.75853

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , L0000001 , L0000002 , L0000003 , L0000004 ,
L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS) 524269.22
4260350.30	3.37705
4260335.30	3.52634
4260320.30	3.65732
4260305.30	3.77427
4260290.30	3.85883
4260275.30	3.90417
4260260.30	3.89997
4260245.30	3.86147
4260230.30	3.76056
4260215.30	3.62165
4260200.30	3.41704
4260185.30	3.15436
4260170.30	2.84475
4260155.30	2.48740
4260140.30	2.13239
4260125.30	1.80012
4260110.30	1.51257
4260095.30	1.27810
4260080.30	1.09532
4260065.30	0.95990

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , L0000001 , L0000002 , L0000003 , L0000004 ,
L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
524204.65	4260012.52	0.31897	524203.43	4260005.01	0.30887
524204.65	4259997.73	0.30778	524204.40	4259988.28	0.30193
524189.13	4260004.28	0.26757	524189.37	4259993.85	0.26182
524190.83	4259982.70	0.26102	524246.78	4259946.49	0.47622
524255.34	4259929.66	0.51174	524250.49	4259937.65	0.49090
524232.52	4259935.94	0.40041	524220.54	4259937.94	0.35127
524212.55	4259949.92	0.32413	524206.28	4259957.62	0.30375
524199.43	4259957.05	0.28214	524188.31	4259954.48	0.25082
524196.86	4259946.49	0.27387	524203.71	4259947.63	0.29445
524199.43	4259934.80	0.28077	524206.56	4259925.10	0.30131
524213.12	4259917.68	0.32139	524241.93	4259920.25	0.43645
524215.97	4259907.70	0.32922	524221.11	4259892.30	0.34176
524238.79	4259898.86	0.40822	524238.79	4259907.98	0.41424
524237.37	4259884.59	0.39292	524214.83	4259881.17	0.31946
524203.14	4259873.47	0.28669	524198.29	4259867.19	0.27396
524232.80	4259867.19	0.36562	524233.09	4259857.50	0.36017
524235.66	4259852.36	0.36403	524239.65	4259845.51	0.37011
524243.93	4259834.68	0.37242	524250.49	4259823.84	0.37845
524243.64	4259822.12	0.35935	524232.80	4259816.13	0.32690
524225.10	4259826.40	0.31750	524218.26	4259836.67	0.30923
524210.55	4259846.94	0.29582	524202.00	4259857.50	0.27932
524265.77	4259728.17	0.28482	524273.47	4259713.63	0.28075
524276.89	4259698.51	0.27251	524260.92	4259693.94	0.24763
524251.79	4259711.06	0.24932	524250.65	4259723.04	0.25797
524265.20	4259620.63	0.20314	524284.88	4259588.39	0.19952
524305.71	4259554.73	0.19503	524315.12	4259565.00	0.21073
524303.99	4259604.08	0.22871	524638.04	4260127.68	2.83435
524645.94	4260114.25	2.45626	524647.12	4260105.17	2.35650
524662.52	4260077.53	1.77327	524692.14	4260053.84	1.21787
524752.55	4260050.68	0.80614	524338.94	4260404.55	3.80979
524441.43	4260403.88	4.15921	524538.99	4260369.97	2.65094
524566.40	4260356.96	2.37861	524530.17	4260389.94	2.53703
524498.28	4260239.21	14.14185	524477.41	4260262.98	13.77621
524494.80	4260256.02	12.46913	524515.67	4260222.40	13.04122
524519.73	4260238.63	10.67243	524519.15	4260249.06	9.76546
524529.00	4260210.80	12.02883	524535.38	4260221.82	10.21632
524534.22	4260237.47	9.04328	524546.97	4260196.89	10.14773
524546.97	4260211.38	9.35691	524549.87	4260224.14	8.30301
524560.30	4260187.04	8.84758	524569.00	4260203.85	7.21441
524580.01	4260180.66	6.91632	524580.01	4260198.05	6.47654

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 , L0000001 , L0000002 , L0000003 , L0000004 ,
L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
524588.13	4260163.27	6.38816	524598.57	4260182.98	5.35109
524596.25	4260169.64	5.61285			

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE	GRID-ID
		NETWORK	
AREA	1ST HIGHEST VALUE IS	14.14181 AT (524498.28, 4260239.21, 159.60, 278.00, 2.00) DC	
	2ND HIGHEST VALUE IS	13.77617 AT (524477.41, 4260262.98, 159.77, 278.00, 2.00) DC	
	3RD HIGHEST VALUE IS	13.04118 AT (524515.67, 4260222.40, 159.66, 278.00, 2.00) DC	
	4TH HIGHEST VALUE IS	12.46909 AT (524494.80, 4260256.02, 160.09, 278.00, 2.00) DC	
	5TH HIGHEST VALUE IS	12.02879 AT (524529.00, 4260210.80, 158.71, 278.00, 2.00) DC	
	6TH HIGHEST VALUE IS	10.67239 AT (524519.73, 4260238.63, 160.84, 278.00, 2.00) DC	
	7TH HIGHEST VALUE IS	10.21628 AT (524535.38, 4260221.82, 159.07, 278.00, 2.00) DC	
	8TH HIGHEST VALUE IS	10.14770 AT (524546.97, 4260196.89, 158.01, 278.00, 2.00) DC	
	9TH HIGHEST VALUE IS	9.76543 AT (524519.15, 4260249.06, 161.73, 278.00, 2.00) DC	
	10TH HIGHEST VALUE IS	9.35687 AT (524546.97, 4260211.38, 158.66, 278.00, 2.00) DC	
LINE	1ST HIGHEST VALUE IS	0.00126 AT (524269.22, 4260065.30, 152.20, 278.00, 2.00) GC UCART1	
	2ND HIGHEST VALUE IS	0.00119 AT (524254.22, 4260065.30, 152.20, 278.00, 2.00) GC UCART1	
	3RD HIGHEST VALUE IS	0.00113 AT (524239.22, 4260065.30, 152.20, 278.00, 2.00) GC UCART1	
	4TH HIGHEST VALUE IS	0.00110 AT (524265.20, 4259620.63, 128.38, 278.00, 2.00) DC	
	5TH HIGHEST VALUE IS	0.00108 AT (524224.22, 4260065.30, 152.20, 278.00, 2.00) GC UCART1	
	6TH HIGHEST VALUE IS	0.00104 AT (524209.22, 4260065.30, 152.40, 278.00, 2.00) GC UCART1	
	7TH HIGHEST VALUE IS	0.00102 AT (524305.71, 4259554.73, 127.42, 278.00, 2.00) DC	
	8TH HIGHEST VALUE IS	0.00101 AT (524194.22, 4260065.30, 152.70, 278.00, 2.00) GC UCART1	
	9TH HIGHEST VALUE IS	0.00099 AT (524179.22, 4260065.30, 153.00, 278.00, 2.00) GC UCART1	
	10TH HIGHEST VALUE IS	0.00099 AT (524164.22, 4260065.30, 153.00, 278.00, 2.00) GC UCART1	
ALL	1ST HIGHEST VALUE IS	14.14185 AT (524498.28, 4260239.21, 159.60, 278.00, 2.00) DC	
	2ND HIGHEST VALUE IS	13.77621 AT (524477.41, 4260262.98, 159.77, 278.00, 2.00) DC	

3RD HIGHEST VALUE IS 13.04122 AT (524515.67, 4260222.40, 159.66, 278.00, 2.00) DC
4TH HIGHEST VALUE IS 12.46913 AT (524494.80, 4260256.02, 160.09, 278.00, 2.00) DC
5TH HIGHEST VALUE IS 12.02883 AT (524529.00, 4260210.80, 158.71, 278.00, 2.00) DC
6TH HIGHEST VALUE IS 10.67243 AT (524519.73, 4260238.63, 160.84, 278.00, 2.00) DC
7TH HIGHEST VALUE IS 10.21632 AT (524535.38, 4260221.82, 159.07, 278.00, 2.00) DC
8TH HIGHEST VALUE IS 10.14773 AT (524546.97, 4260196.89, 158.01, 278.00, 2.00) DC
9TH HIGHEST VALUE IS 9.76546 AT (524519.15, 4260249.06, 161.73, 278.00, 2.00) DC
10TH HIGHEST VALUE IS 9.35691 AT (524546.97, 4260211.38, 158.66, 278.00, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
*** AERMOD - VERSION 15181 *** *** C:\Users\xli\Desktop\3316.0022 Oakmont Emerald Isle\Construction AER *** 06/03/17
*** AERMET - VERSION 14134 *** *** *** 17:37:31

**MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

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

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

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 18866 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 16971 Calm Hours Identified

A Total of 1895 Missing Hours Identified (4.32 Percent)

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

******** WARNING MESSAGES ********
MX W481 43873 MAIN: Data Remaining After End of Year. Number of Hours= 48

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

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