Appendix A:
Air Quality and Greenhouse Gas Emissions Supporting Information

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CalEEMod Output Files

Unmitigated Construction and 2021 Project Operations—Annual **A.1-2**

Unmitigated Construction and 2021 Project Operations—Summer **A.1-24**

Unmitigated Construction and 2021 Project Operations—Winter **A.1-41**

Mitigated Construction (Tier IV Equipment)—Annual **A.1-58**

2030 Project Operations—Annual **A.1-93**

Existing Emissions 2021—Annual **A.1-103**

Existing Emissions 2021—Summer **A.1-111**

Existing Emissions 2021—Winter **A.1-116**

Existing Emissions 2030—Annual **A.1-121**

Current General Plan Designation Buildout Scenarios—Annual Vehicle Miles Traveled **A.1-128**

Moss Street - Unmitigated Construction and 2021 Operations

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,645.00	0
Other Non-Asphalt Surfaces	82.08	1000sqft	1.88	82,081.00	0
Parking Lot	66.00	Space	0.27	11,556.00	0
Condo/Townhouse High Rise	141.00	Dwelling Unit	3.45	233,061.00	403

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Unmitigated Construction and 2021 Project Operations
CO2 intensity adjusted based on SD Gas & Electric renewable energy portfolio

Land Use - Information from final site plan and RFI response (Most recent project information as of April 2, 2019)

Construction Phase - Adjustments based on applicant-provided information
Applicant stated no site prep phase; demolition, grading and architectural coating are 30 days
(most recent project information as of April 2, 2019)

Demolition - Measured from Google Earth

Grading - Inputs based on final site plan (most recent project information as of April 2, 2019)
10,000 cubic yards of material to be imported and 15,000 cubic yards of material to be exported

Architectural Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Vehicle Trips - Trip rate adjusted based on TIA report for proposed project
Consistent with the TIA, a transit reduction of 5% was applied

Woodstoves - No woodburning

Area Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Construction Off-road Equipment Mitigation - Fugitive dust control measures

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberWood	49.35	0.00
tblGrading	AcresOfGrading	15.00	10.00
tblGrading	MaterialExported	0.00	15,000.00
tblGrading	MaterialImported	0.00	10,000.00
tblLandUse	LandUseSquareFeet	56,628.00	56,645.00
tblLandUse	LandUseSquareFeet	82,080.00	82,081.00
tblLandUse	LandUseSquareFeet	26,400.00	11,556.00
tblLandUse	LandUseSquareFeet	141,000.00	233,061.00
tblLandUse	LotAcreage	0.59	0.27
tblLandUse	LotAcreage	2.20	3.45
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblVehicleTrips	HO_TTP	39.60	39.50
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HW_TTP	41.60	41.50
tblVehicleTrips	ST_TR	4.31	7.60
tblVehicleTrips	SU_TR	3.43	7.60
tblVehicleTrips	WD_TR	4.18	7.60

tblWoodstoves	NumberCatalytic	7.05	0.00
tblWoodstoves	NumberNoncatalytic	7.05	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1509	1.8302	1.0143	3.0600e-003	0.1715	0.0678	0.2393	0.0682	0.0631	0.1313	0.0000	287.2084	287.2084	0.0483	0.0000	288.4163
2020	1.0954	2.6235	2.4725	5.5000e-003	0.1664	0.1258	0.2923	0.0448	0.1183	0.1631	0.0000	492.1440	492.1440	0.0761	0.0000	494.0470
Maximum	**1.0954**	**2.6235**	**2.4725**	**5.5000e-003**	**0.1715**	**0.1258**	**0.2923**	**0.0682**	**0.1183**	**0.1631**	**0.0000**	**492.1440**	**492.1440**	**0.0761**	**0.0000**	**494.0470**

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					
2019	0.1509	1.8302	1.0143	3.0600e-003	0.1066	0.0678	0.1744	0.0387	0.0631	0.1018	0.0000	287.2082	287.2082	0.0483	0.0000	288.4161
2020	1.0954	2.6235	2.4725	5.5000e-003	0.1664	0.1258	0.2923	0.0448	0.1183	0.1631	0.0000	492.1437	492.1437	0.0761	0.0000	494.0467
Maximum	**1.0954**	**2.6235**	**2.4725**	**5.5000e-003**	**0.1664**	**0.1258**	**0.2923**	**0.0448**	**0.1183**	**0.1631**	**0.0000**	**492.1437**	**492.1437**	**0.0761**	**0.0000**	**494.0467**

	ROG	NOx	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**	**19.22**	**0.00**	**12.22**	**26.11**	**0.00**	**10.02**	**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	9-1-2019	11-30-2019	1.6445	1.6445
2	12-1-2019	2-29-2020	0.9113	0.9113
3	3-1-2020	5-31-2020	0.8879	0.8879
4	6-1-2020	8-31-2020	0.8865	0.8865
5	9-1-2020	9-30-2020	0.2891	0.2891
		Highest	1.6445	1.6445

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	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997
Energy	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	181.1059	181.1059	9.0300e-003	2.6700e-003	182.1281
Mobile	0.3272	1.4569	3.9651	0.0134	1.1531	0.0114	1.1645	0.3088	0.0107	0.3195	0.0000	1,238.9296	1,238.9296	0.0658	0.0000	1,240.5733
Waste						0.0000	0.0000		0.0000	0.0000	13.1660	0.0000	13.1660	0.7781	0.0000	32.6182
Water						0.0000	0.0000		0.0000	0.0000	2.9145	38.0510	40.9655	0.3018	7.5700e-003	50.7653
Total	**1.3691**	**1.5700**	**5.0587**	**0.0141**	**1.1531**	**0.0254**	**1.1784**	**0.3088**	**0.0246**	**0.3334**	**16.0805**	**1,520.8816**	**1,536.9621**	**1.1575**	**0.0114**	**1,569.2845**

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	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997
Energy	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	181.1059	181.1059	9.0300e-003	2.6700e-003	182.1281
Mobile	0.3272	1.4569	3.9651	0.0134	1.1531	0.0114	1.1645	0.3088	0.0107	0.3195	0.0000	1,238.9296	1,238.9296	0.0658	0.0000	1,240.5733
Waste						0.0000	0.0000		0.0000	0.0000	13.1660	0.0000	13.1660	0.7781	0.0000	32.6182
Water						0.0000	0.0000		0.0000	0.0000	2.9145	38.0510	40.9655	0.3018	7.5700e-003	50.7653
Total	**1.3691**	**1.5700**	**5.0587**	**0.0141**	**1.1531**	**0.0254**	**1.1784**	**0.3088**	**0.0246**	**0.3334**	**16.0805**	**1,520.8816**	**1,536.9621**	**1.1575**	**0.0114**	**1,569.2845**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2019	10/11/2019	5	30	
2	Grading	Grading	10/12/2019	11/22/2019	5	30	
3	Building Construction	Building Construction	11/23/2019	10/9/2020	5	230	
4	Paving	Paving	10/10/2020	11/6/2020	5	20	
5	Architectural Coating	Architectural Coating	11/7/2020	12/18/2020	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 3.45

Residential Indoor: 471,949; Residential Outdoor: 157,316; 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
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	189.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	165.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	3.1400e-003	0.0000	3.1400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0527	0.5367	0.3309	5.8000e-004		0.0269	0.0269		0.0250	0.0250	0.0000	51.9395	51.9395	0.0145	0.0000	52.3007
Total	**0.0527**	**0.5367**	**0.3309**	**5.8000e-004**	**0.0207**	**0.0269**	**0.0476**	**3.1400e-003**	**0.0250**	**0.0282**	**0.0000**	**51.9395**	**51.9395**	**0.0145**	**0.0000**	**52.3007**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.3000e-004	0.0290	6.3200e-003	7.0000e-005	1.6200e-003	1.1000e-004	1.7300e-003	4.4000e-004	1.0000e-004	5.5000e-004	0.0000	7.3672	7.3672	6.7000e-004	0.0000	7.3838
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**1.7200e-003**	**0.0296**	**0.0129**	**9.0000e-005**	**3.4200e-003**	**1.2000e-004**	**3.5500e-003**	**9.2000e-004**	**1.1000e-004**	**1.0400e-003**	**0.0000**	**9.0513**	**9.0513**	**7.2000e-004**	**0.0000**	**9.0693**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.3200e-003	0.0000	9.3200e-003	1.4100e-003	0.0000	1.4100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0527	0.5367	0.3309	5.8000e-004		0.0269	0.0269		0.0250	0.0250	0.0000	51.9394	51.9394	0.0145	0.0000	52.3007
Total	**0.0527**	**0.5367**	**0.3309**	**5.8000e-004**	**9.3200e-003**	**0.0269**	**0.0362**	**1.4100e-003**	**0.0250**	**0.0265**	**0.0000**	**51.9394**	**51.9394**	**0.0145**	**0.0000**	**52.3007**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Hauling	8.3000e-004	0.0290	6.3200e-003	7.0000e-005	1.6200e-003	1.1000e-004	1.7300e-003	4.4000e-004	1.0000e-004	5.5000e-004	0.0000	7.3672	7.3672	6.7000e-004	0.0000	7.3838
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**1.7200e-003**	**0.0296**	**0.0129**	**9.0000e-005**	**3.4200e-003**	**1.2000e-004**	**3.5500e-003**	**9.2000e-004**	**1.1000e-004**	**1.0400e-003**	**0.0000**	**9.0513**	**9.0513**	**7.2000e-004**	**0.0000**	**9.0693**

3.3 Grading - 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	0.0387	0.4252	0.2444	4.4000e-004		0.0210	0.0210		0.0193	0.0193	0.0000	39.9634	39.9634	0.0126	0.0000	40.2795
Total	**0.0387**	**0.4252**	**0.2444**	**4.4000e-004**	**0.0974**	**0.0210**	**0.1184**	**0.0505**	**0.0193**	**0.0698**	**0.0000**	**39.9634**	**39.9634**	**0.0126**	**0.0000**	**40.2795**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0137	0.4788	0.1045	1.2300e-003	0.0267	1.7900e-003	0.0285	7.3400e-003	1.7100e-003	9.0500e-003	0.0000	121.8117	121.8117	0.0110	0.0000	122.0874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**0.0146**	**0.4795**	**0.1110**	**1.2500e-003**	**0.0285**	**1.8000e-003**	**0.0304**	**7.8200e-003**	**1.7200e-003**	**9.5400e-003**	**0.0000**	**123.4958**	**123.4958**	**0.0111**	**0.0000**	**123.7728**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0438	0.0000	0.0438	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0387	0.4252	0.2444	4.4000e-004		0.0210	0.0210		0.0193	0.0193	0.0000	39.9634	39.9634	0.0126	0.0000	40.2795
Total	**0.0387**	**0.4252**	**0.2444**	**4.4000e-004**	**0.0438**	**0.0210**	**0.0648**	**0.0227**	**0.0193**	**0.0420**	**0.0000**	**39.9634**	**39.9634**	**0.0126**	**0.0000**	**40.2795**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0137	0.4788	0.1045	1.2300e-003	0.0267	1.7900e-003	0.0285	7.3400e-003	1.7100e-003	9.0500e-003	0.0000	121.8117	121.8117	0.0110	0.0000	122.0874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**0.0146**	**0.4795**	**0.1110**	**1.2500e-003**	**0.0285**	**1.8000e-003**	**0.0304**	**7.8200e-003**	**1.7200e-003**	**9.5400e-003**	**0.0000**	**123.4958**	**123.4958**	**0.0111**	**0.0000**	**123.7728**

3.4 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	0.0319	0.2846	0.2317	3.6000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	31.7391	31.7391	7.7300e-003	0.0000	31.9324
Total	**0.0319**	**0.2846**	**0.2317**	**3.6000e-004**		**0.0174**	**0.0174**		**0.0164**	**0.0164**	**0.0000**	**31.7391**	**31.7391**	**7.7300e-003**	**0.0000**	**31.9324**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5300e-003	0.0678	0.0182	1.5000e-004	3.5800e-003	4.7000e-004	4.0500e-003	1.0300e-003	4.5000e-004	1.4800e-003	0.0000	14.3466	14.3466	1.1500e-003	0.0000	14.3754
Worker	8.7800e-003	6.7400e-003	0.0652	1.8000e-004	0.0179	1.3000e-004	0.0180	4.7500e-003	1.2000e-004	4.8700e-003	0.0000	16.6728	16.6728	5.4000e-004	0.0000	16.6862
Total	**0.0113**	**0.0745**	**0.0834**	**3.3000e-004**	**0.0214**	**6.0000e-004**	**0.0220**	**5.7800e-003**	**5.7000e-004**	**6.3500e-003**	**0.0000**	**31.0194**	**31.0194**	**1.6900e-003**	**0.0000**	**31.0616**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0319	0.2846	0.2317	3.6000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	31.7390	31.7390	7.7300e-003	0.0000	31.9323
Total	**0.0319**	**0.2846**	**0.2317**	**3.6000e-004**		**0.0174**	**0.0174**		**0.0164**	**0.0164**	**0.0000**	**31.7390**	**31.7390**	**7.7300e-003**	**0.0000**	**31.9323**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5300e-003	0.0678	0.0182	1.5000e-004	3.5800e-003	4.7000e-004	4.0500e-003	1.0300e-003	4.5000e-004	1.4800e-003	0.0000	14.3466	14.3466	1.1500e-003	0.0000	14.3754
Worker	8.7800e-003	6.7400e-003	0.0652	1.8000e-004	0.0179	1.3000e-004	0.0180	4.7500e-003	1.2000e-004	4.8700e-003	0.0000	16.6728	16.6728	5.4000e-004	0.0000	16.6862
Total	**0.0113**	**0.0745**	**0.0834**	**3.3000e-004**	**0.0214**	**6.0000e-004**	**0.0220**	**5.7800e-003**	**5.7000e-004**	**6.3500e-003**	**0.0000**	**31.0194**	**31.0194**	**1.6900e-003**	**0.0000**	**31.0616**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2152	1.9474	1.7101	2.7300e-003		0.1134	0.1134		0.1066	0.1066	0.0000	235.0841	235.0841	0.0574	0.0000	236.5179
Total	**0.2152**	**1.9474**	**1.7101**	**2.7300e-003**		**0.1134**	**0.1134**		**0.1066**	**0.1066**	**0.0000**	**235.0841**	**235.0841**	**0.0574**	**0.0000**	**236.5179**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0155	0.4628	0.1230	1.1000e-003	0.0270	2.2600e-003	0.0292	7.7800e-003	2.1600e-003	9.9400e-003	0.0000	107.1277	107.1277	8.2100e-003	0.0000	107.3330
Worker	0.0617	0.0457	0.4482	1.3400e-003	0.1343	9.7000e-004	0.1353	0.0357	8.9000e-004	0.0366	0.0000	121.3985	121.3985	3.6400e-003	0.0000	121.4896
Total	**0.0772**	**0.5085**	**0.5711**	**2.4400e-003**	**0.1613**	**3.2300e-003**	**0.1645**	**0.0435**	**3.0500e-003**	**0.0465**	**0.0000**	**228.5263**	**228.5263**	**0.0119**	**0.0000**	**228.8227**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2152	1.9474	1.7101	2.7300e-003		0.1134	0.1134		0.1066	0.1066	0.0000	235.0839	235.0839	0.0574	0.0000	236.5177
Total	**0.2152**	**1.9474**	**1.7101**	**2.7300e-003**		**0.1134**	**0.1134**		**0.1066**	**0.1066**	**0.0000**	**235.0839**	**235.0839**	**0.0574**	**0.0000**	**236.5177**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0155	0.4628	0.1230	1.1000e-003	0.0270	2.2600e-003	0.0292	7.7800e-003	2.1600e-003	9.9400e-003	0.0000	107.1277	107.1277	8.2100e-003	0.0000	107.3330
Worker	0.0617	0.0457	0.4482	1.3400e-003	0.1343	9.7000e-004	0.1353	0.0357	8.9000e-004	0.0366	0.0000	121.3985	121.3985	3.6400e-003	0.0000	121.4896
Total	**0.0772**	**0.5085**	**0.5711**	**2.4400e-003**	**0.1613**	**3.2300e-003**	**0.1645**	**0.0435**	**3.0500e-003**	**0.0465**	**0.0000**	**228.5263**	**228.5263**	**0.0119**	**0.0000**	**228.8227**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1407	0.1465	2.3000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1902
Paving	2.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0156**	**0.1407**	**0.1465**	**2.3000e-004**		**7.5300e-003**	**7.5300e-003**		**6.9300e-003**	**6.9300e-003**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1902**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	4.1000e-004	4.0100e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2100e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0873	1.0873	3.0000e-005	0.0000	1.0881
Total	**5.5000e-004**	**4.1000e-004**	**4.0100e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2100e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.0873**	**1.0873**	**3.0000e-005**	**0.0000**	**1.0881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1407	0.1465	2.3000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1901
Paving	2.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0156**	**0.1407**	**0.1465**	**2.3000e-004**		**7.5300e-003**	**7.5300e-003**		**6.9300e-003**	**6.9300e-003**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1901**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	4.1000e-004	4.0100e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2100e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0873	1.0873	3.0000e-005	0.0000	1.0881
Total	**5.5000e-004**	**4.1000e-004**	**4.0100e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2100e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.0873**	**1.0873**	**3.0000e-005**	**0.0000**	**1.0881**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7814					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6300e-003	0.0253	0.0275	4.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	3.8299	3.8299	3.0000e-004	0.0000	3.8373
Total	**0.7850**	**0.0253**	**0.0275**	**4.0000e-005**		**1.6600e-003**	**1.6600e-003**		**1.6600e-003**	**1.6600e-003**	**0.0000**	**3.8299**	**3.8299**	**3.0000e-004**	**0.0000**	**3.8373**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.3500e-003	0.0133	4.0000e-005	3.9700e-003	3.0000e-005	4.0000e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.5881	3.5881	1.1000e-004	0.0000	3.5908
Total	**1.8200e-003**	**1.3500e-003**	**0.0133**	**4.0000e-005**	**3.9700e-003**	**3.0000e-005**	**4.0000e-003**	**1.0500e-003**	**3.0000e-005**	**1.0800e-003**	**0.0000**	**3.5881**	**3.5881**	**1.1000e-004**	**0.0000**	**3.5908**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7814					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6300e-003	0.0253	0.0275	4.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	3.8299	3.8299	3.0000e-004	0.0000	3.8373
Total	**0.7850**	**0.0253**	**0.0275**	**4.0000e-005**		**1.6600e-003**	**1.6600e-003**		**1.6600e-003**	**1.6600e-003**	**0.0000**	**3.8299**	**3.8299**	**3.0000e-004**	**0.0000**	**3.8373**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.3500e-003	0.0133	4.0000e-005	3.9700e-003	3.0000e-005	4.0000e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.5881	3.5881	1.1000e-004	0.0000	3.5908
Total	**1.8200e-003**	**1.3500e-003**	**0.0133**	**4.0000e-005**	**3.9700e-003**	**3.0000e-005**	**4.0000e-003**	**1.0500e-003**	**3.0000e-005**	**1.0800e-003**	**0.0000**	**3.5881**	**3.5881**	**1.1000e-004**	**0.0000**	**3.5908**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3272	1.4569	3.9651	0.0134	1.1531	0.0114	1.1645	0.3088	0.0107	0.3195	0.0000	1,238.9296	1,238.9296	0.0658	0.0000	1,240.5733
Unmitigated	0.3272	1.4569	3.9651	0.0134	1.1531	0.0114	1.1645	0.3088	0.0107	0.3195	0.0000	1,238.9296	1,238.9296	0.0658	0.0000	1,240.5733

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,072.00	1,072.00	1072.00	3,059,605	3,059,605
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	1,072.00	1,072.00	1,072.00	3,059,605	3,059,605

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
Condo/Townhouse High Rise	10.80	7.30	7.50	41.50	19.00	39.50	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
Condo/Townhouse High Rise	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Non-Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Parking Lot	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	125.2098	125.2098	7.9600e-003	1.6500e-003	125.8999
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	125.2098	125.2098	7.9600e-003	1.6500e-003	125.8999
NaturalGas Mitigated	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
NaturalGas Unmitigated	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282

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					
Condo/Townhouse High Rise	1.04745e+006	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
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		**5.6500e-003**	**0.0483**	**0.0205**	**3.1000e-004**		**3.9000e-003**	**3.9000e-003**		**3.9000e-003**	**3.9000e-003**	**0.0000**	**55.8961**	**55.8961**	**1.0700e-003**	**1.0200e-003**	**56.2282**

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					
Condo/Townhouse High Rise	1.04745e+006	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
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		**5.6500e-003**	**0.0483**	**0.0205**	**3.1000e-004**		**3.9000e-003**	**3.9000e-003**		**3.9000e-003**	**3.9000e-003**	**0.0000**	**55.8961**	**55.8961**	**1.0700e-003**	**1.0200e-003**	**56.2282**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	601307	124.3733	7.9100e-003	1.6400e-003	125.0587
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	4044.6	0.8366	5.0000e-005	1.0000e-005	0.8412
Total		**125.2098**	**7.9600e-003**	**1.6500e-003**	**125.8999**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	601307	124.3733	7.9100e-003	1.6400e-003	125.0587
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	4044.6	0.8366	5.0000e-005	1.0000e-005	0.8412
Total		**125.2098**	**7.9600e-003**	**1.6500e-003**	**125.8999**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997
Unmitigated	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997

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	0.0781					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9199					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.1700e-003	0.0527	0.0224	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	61.0822	61.0822	1.1700e-003	1.1200e-003	61.4452
Landscaping	0.0319	0.0121	1.0506	6.0000e-005		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003	0.0000	1.7128	1.7128	1.6600e-003	0.0000	1.7544
Total	**1.0362**	**0.0649**	**1.0730**	**4.0000e-004**		**0.0101**	**0.0101**		**0.0101**	**0.0101**	**0.0000**	**62.7951**	**62.7951**	**2.8300e-003**	**1.1200e-003**	**63.1997**

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	0.0781					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9199					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.1700e-003	0.0527	0.0224	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	61.0822	61.0822	1.1700e-003	1.1200e-003	61.4452
Landscaping	0.0319	0.0121	1.0506	6.0000e-005		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003	0.0000	1.7128	1.7128	1.6600e-003	0.0000	1.7544
Total	**1.0362**	**0.0649**	**1.0730**	**4.0000e-004**		**0.0101**	**0.0101**		**0.0101**	**0.0101**	**0.0000**	**62.7951**	**62.7951**	**2.8300e-003**	**1.1200e-003**	**63.1997**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	40.9655	0.3018	7.5700e-003	50.7653
Unmitigated	40.9655	0.3018	7.5700e-003	50.7653

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	9.18672 / 5.79163	40.9655	0.3018	7.5700e-003	50.7653
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		**40.9655**	**0.3018**	**7.5700e-003**	**50.7653**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	9.18672 / 5.79163	40.9655	0.3018	7.5700e-003	50.7653
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		**40.9655**	**0.3018**	**7.5700e-003**	**50.7653**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	13.1660	0.7781	0.0000	32.6182
Unmitigated	13.1660	0.7781	0.0000	32.6182

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	64.86	13.1660	0.7781	0.0000	32.6182
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		**13.1660**	**0.7781**	**0.0000**	**32.6182**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	64.86	13.1660	0.7781	0.0000	32.6182
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		**13.1660**	**0.7781**	**0.0000**	**32.6182**

Moss Street - Unmitigated Construction and 2021 Operations

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,645.00	0
Other Non-Asphalt Surfaces	82.08	1000sqft	1.88	82,081.00	0
Parking Lot	66.00	Space	0.27	11,556.00	0
Condo/Townhouse High Rise	141.00	Dwelling Unit	3.45	233,061.00	403

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Unmitigated Construction and 2021 Project Operations
CO2 intensity adjusted based on SD Gas & Electric renewable energy portfolio

Land Use - Information from final site plan and RFI response (Most recent project information as of April 2, 2019)

Construction Phase - Adjustments based on applicant-provided information
Applicant stated no site prep phase; demolition, grading and architectural coating are 30 days
(most recent project information as of April 2, 2019)

Demolition - Measured from Google Earth

Grading - Inputs based on final site plan (most recent project information as of April 2, 2019)
10,000 cubic yards of material to be imported and 15,000 cubic yards of material to be exported

Architectural Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Vehicle Trips - Trip rate adjusted based on TIA report for proposed project
Consistent with the TIA, a transit reduction of 5% was applied

Woodstoves - No woodburning

Area Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Construction Off-road Equipment Mitigation - Fugitive dust control measures

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberWood	49.35	0.00
tblGrading	AcresOfGrading	15.00	10.00
tblGrading	MaterialExported	0.00	15,000.00
tblGrading	MaterialImported	0.00	10,000.00
tblLandUse	LandUseSquareFeet	56,628.00	56,645.00
tblLandUse	LandUseSquareFeet	82,080.00	82,081.00
tblLandUse	LandUseSquareFeet	26,400.00	11,556.00
tblLandUse	LandUseSquareFeet	141,000.00	233,061.00
tblLandUse	LotAcreage	0.59	0.27
tblLandUse	LotAcreage	2.20	3.45
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblVehicleTrips	HO_TTP	39.60	39.50
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HW_TTP	41.60	41.50
tblVehicleTrips	ST_TR	4.31	7.60
tblVehicleTrips	SU_TR	3.43	7.60
tblVehicleTrips	WD_TR	4.18	7.60
tblWoodstoves	NumberCatalytic	7.05	0.00

tblWoodstoves	NumberNoncatalytic	7.05	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	3.6269	59.6779	23.5495	0.1136	8.4361	1.8029	9.9524	3.8977	1.6773	5.2970	0.0000	12,082.6775	12,082.6775	1.7312	0.0000	12,125.9565
2020	52.4568	24.1043	22.6746	0.0518	1.6262	1.1486	2.7749	0.4375	1.0802	1.5177	0.0000	5,119.7560	5,119.7560	0.7512	0.0000	5,138.5346
Maximum	**52.4568**	**59.6779**	**23.5495**	**0.1136**	**8.4361**	**1.8029**	**9.9524**	**3.8977**	**1.6773**	**5.2970**	**0.0000**	**12,082.6775**	**12,082.6775**	**1.7312**	**0.0000**	**12,125.9565**

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					
2019	3.6269	59.6779	23.5495	0.1136	4.8651	1.8029	6.3815	2.0463	1.6773	3.4456	0.0000	12,082.6775	12,082.6775	1.7312	0.0000	12,125.9565
2020	52.4568	24.1043	22.6746	0.0518	1.6262	1.1486	2.7749	0.4375	1.0802	1.5177	0.0000	5,119.7560	5,119.7560	0.7512	0.0000	5,138.5346
Maximum	**52.4568**	**59.6779**	**23.5495**	**0.1136**	**4.8651**	**1.8029**	**6.3815**	**2.0463**	**1.6773**	**3.4456**	**0.0000**	**12,082.6775**	**12,082.6775**	**1.7312**	**0.0000**	**12,125.9565**

	ROG	NOx	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**	**35.49**	**0.00**	**28.06**	**42.71**	**0.00**	**27.17**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825
Energy	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
Mobile	1.8968	7.7544	22.4381	0.0772	6.4877	0.0627	6.5504	1.7340	0.0586	1.7926		7,838.7813	7,838.7813	0.4011		7,848.8099
Total	**7.9018**	**9.4400**	**34.7713**	**0.0877**	**6.4877**	**0.2524**	**6.7401**	**1.7340**	**0.2483**	**1.9823**	**0.0000**	**9,839.6108**	**9,839.6108**	**0.4595**	**0.0363**	**9,861.9143**

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	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825
Energy	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
Mobile	1.8968	7.7544	22.4381	0.0772	6.4877	0.0627	6.5504	1.7340	0.0586	1.7926		7,838.7813	7,838.7813	0.4011		7,848.8099
Total	**7.9018**	**9.4400**	**34.7713**	**0.0877**	**6.4877**	**0.2524**	**6.7401**	**1.7340**	**0.2483**	**1.9823**	**0.0000**	**9,839.6108**	**9,839.6108**	**0.4595**	**0.0363**	**9,861.9143**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2019	10/11/2019	5	30	
2	Grading	Grading	10/12/2019	11/22/2019	5	30	
3	Building Construction	Building Construction	11/23/2019	10/9/2020	5	230	
4	Paving	Paving	10/10/2020	11/6/2020	5	20	
5	Architectural Coating	Architectural Coating	11/7/2020	12/18/2020	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 3.45

Residential Indoor: 471,949; Residential Outdoor: 157,316; 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
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	189.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	165.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.3807	0.0000	1.3807	0.2091	0.0000	0.2091			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**3.5134**	**35.7830**	**22.0600**	**0.0388**	**1.3807**	**1.7949**	**3.1756**	**0.2091**	**1.6697**	**1.8788**		**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0547	1.8924	0.4085	5.0000e-003	0.1101	7.1400e-003	0.1172	0.0302	6.8300e-003	0.0370		545.2478	545.2478	0.0483		546.4541
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0589	0.0411	0.4641	1.3100e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		130.5300	130.5300	4.1700e-003		130.6342
Total	**0.1136**	**1.9335**	**0.8726**	**6.3100e-003**	**0.2333**	**8.0200e-003**	**0.2413**	**0.0629**	**7.6400e-003**	**0.0705**		**675.7778**	**675.7778**	**0.0524**		**677.0883**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6213	0.0000	0.6213	0.0941	0.0000	0.0941			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**3.5134**	**35.7830**	**22.0600**	**0.0388**	**0.6213**	**1.7949**	**2.4162**	**0.0941**	**1.6697**	**1.7638**	**0.0000**	**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0547	1.8924	0.4085	5.0000e-003	0.1101	7.1400e-003	0.1172	0.0302	6.8300e-003	0.0370		545.2478	545.2478	0.0483		546.4541
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0589	0.0411	0.4641	1.3100e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		130.5300	130.5300	4.1700e-003		130.6342
Total	**0.1136**	**1.9335**	**0.8726**	**6.3100e-003**	**0.2333**	**8.0200e-003**	**0.2413**	**0.0629**	**7.6400e-003**	**0.0705**		**675.7778**	**675.7778**	**0.0524**		**677.0883**

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4927	0.0000	6.4927	3.3661	0.0000	3.3661			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**6.4927**	**1.3974**	**7.8901**	**3.3661**	**1.2856**	**4.6517**		**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9042	31.2888	6.7541	0.0827	1.8202	0.1181	1.9383	0.4988	0.1130	0.6118		9,015.3408	9,015.3408	0.7978		9,035.2862
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0589	0.0411	0.4641	1.3100e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		130.5300	130.5300	4.1700e-003		130.6342
Total	**0.9631**	**31.3299**	**7.2182**	**0.0840**	**1.9434**	**0.1190**	**2.0624**	**0.5315**	**0.1138**	**0.6453**		**9,145.8707**	**9,145.8707**	**0.8020**		**9,165.9203**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9217	0.0000	2.9217	1.5148	0.0000	1.5148			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**2.9217**	**1.3974**	**4.3191**	**1.5148**	**1.2856**	**2.8003**	**0.0000**	**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9042	31.2888	6.7541	0.0827	1.8202	0.1181	1.9383	0.4988	0.1130	0.6118		9,015.3408	9,015.3408	0.7978		9,035.2862
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0589	0.0411	0.4641	1.3100e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		130.5300	130.5300	4.1700e-003		130.6342
Total	**0.9631**	**31.3299**	**7.2182**	**0.0840**	**1.9434**	**0.1190**	**2.0624**	**0.5315**	**0.1138**	**0.6453**		**9,145.8707**	**9,145.8707**	**0.8020**		**9,165.9203**

3.4 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	0.1841	4.9595	1.2804	0.0110	0.2708	0.0345	0.3053	0.0780	0.0330	0.1110		1,184.0665	1,184.0665	0.0914		1,186.3520
Worker	0.6479	0.4521	5.1053	0.0144	1.3554	9.6600e-003	1.3651	0.3595	8.9000e-003	0.3684		1,435.8294	1,435.8294	0.0459		1,436.9756
Total	**0.8320**	**5.4116**	**6.3857**	**0.0255**	**1.6262**	**0.0442**	**1.6704**	**0.4375**	**0.0419**	**0.4794**		**2,619.8959**	**2,619.8959**	**0.1373**		**2,623.3276**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.1841	4.9595	1.2804	0.0110	0.2708	0.0345	0.3053	0.0780	0.0330	0.1110		1,184.0665	1,184.0665	0.0914		1,186.3520
Worker	0.6479	0.4521	5.1053	0.0144	1.3554	9.6600e-003	1.3651	0.3595	8.9000e-003	0.3684		1,435.8294	1,435.8294	0.0459		1,436.9756
Total	**0.8320**	**5.4116**	**6.3857**	**0.0255**	**1.6262**	**0.0442**	**1.6704**	**0.4375**	**0.0419**	**0.4794**		**2,619.8959**	**2,619.8959**	**0.1373**		**2,623.3276**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1495	4.5103	1.1491	0.0110	0.2708	0.0221	0.2929	0.0780	0.0211	0.0991		1,176.1603	1,176.1603	0.0868		1,178.3295
Worker	0.6055	0.4080	4.6771	0.0140	1.3554	9.5100e-003	1.3650	0.3595	8.7600e-003	0.3683		1,390.5326	1,390.5326	0.0415		1,391.5707
Total	**0.7550**	**4.9183**	**5.8261**	**0.0249**	**1.6262**	**0.0316**	**1.6578**	**0.4375**	**0.0299**	**0.4674**		**2,566.6930**	**2,566.6930**	**0.1283**		**2,569.9001**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1495	4.5103	1.1491	0.0110	0.2708	0.0221	0.2929	0.0780	0.0211	0.0991		1,176.1603	1,176.1603	0.0868		1,178.3295
Worker	0.6055	0.4080	4.6771	0.0140	1.3554	9.5100e-003	1.3650	0.3595	8.7600e-003	0.3683		1,390.5326	1,390.5326	0.0415		1,391.5707
Total	**0.7550**	**4.9183**	**5.8261**	**0.0249**	**1.6262**	**0.0316**	**1.6578**	**0.4375**	**0.0299**	**0.4674**		**2,566.6930**	**2,566.6930**	**0.1283**		**2,569.9001**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5622**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0550	0.0371	0.4252	1.2700e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		126.4121	126.4121	3.7700e-003		126.5064
Total	**0.0550**	**0.0371**	**0.4252**	**1.2700e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**126.4121**	**126.4121**	**3.7700e-003**		**126.5064**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5622**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0550	0.0371	0.4252	1.2700e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		126.4121	126.4121	3.7700e-003		126.5064
Total	**0.0550**	**0.0371**	**0.4252**	**1.2700e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**126.4121**	**126.4121**	**3.7700e-003**		**126.5064**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.0935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**52.3357**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1211	0.0816	0.9354	2.7900e-003	0.2711	1.9000e-003	0.2730	0.0719	1.7500e-003	0.0737		278.1065	278.1065	8.3000e-003		278.3141
Total	**0.1211**	**0.0816**	**0.9354**	**2.7900e-003**	**0.2711**	**1.9000e-003**	**0.2730**	**0.0719**	**1.7500e-003**	**0.0737**		**278.1065**	**278.1065**	**8.3000e-003**		**278.3141**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	52.0935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**52.3357**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1211	0.0816	0.9354	2.7900e-003	0.2711	1.9000e-003	0.2730	0.0719	1.7500e-003	0.0737		278.1065	278.1065	8.3000e-003		278.3141
Total	**0.1211**	**0.0816**	**0.9354**	**2.7900e-003**	**0.2711**	**1.9000e-003**	**0.2730**	**0.0719**	**1.7500e-003**	**0.0737**		**278.1065**	**278.1065**	**8.3000e-003**		**278.3141**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.8968	7.7544	22.4381	0.0772	6.4877	0.0627	6.5504	1.7340	0.0586	1.7926		7,838.7813	7,838.7813	0.4011		7,848.8099
Unmitigated	1.8968	7.7544	22.4381	0.0772	6.4877	0.0627	6.5504	1.7340	0.0586	1.7926		7,838.7813	7,838.7813	0.4011		7,848.8099

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,072.00	1,072.00	1072.00	3,059,605	3,059,605
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	1,072.00	1,072.00	1,072.00	3,059,605	3,059,605

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
Condo/Townhouse High Rise	10.80	7.30	7.50	41.50	19.00	39.50	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
Condo/Townhouse High Rise	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Non-Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Parking Lot	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
NaturalGas Unmitigated	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219

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					
Condo/Townhouse High Rise	2869.73	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
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		**0.0310**	**0.2645**	**0.1125**	**1.6900e-003**		**0.0214**	**0.0214**		**0.0214**	**0.0214**		**337.6156**	**337.6156**	**6.4700e-003**	**6.1900e-003**	**339.6219**

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					
Condo/Townhouse High Rise	2.86973	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
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		**0.0310**	**0.2645**	**0.1125**	**1.6900e-003**		**0.0214**	**0.0214**		**0.0214**	**0.0214**		**337.6156**	**337.6156**	**6.4700e-003**	**6.1900e-003**	**339.6219**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825
Unmitigated	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825

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	0.4282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.0407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1505	1.2864	0.5474	8.2100e-003		0.1040	0.1040		0.1040	0.1040	0.0000	1,642.2353	1,642.2353	0.0315	0.0301	1,651.9943
Landscaping	0.3547	0.1347	11.6733	6.2000e-004		0.0643	0.0643		0.0643	0.0643		20.9786	20.9786	0.0204		21.4882
Total	**5.9741**	**1.4211**	**12.2207**	**8.8300e-003**		**0.1683**	**0.1683**		**0.1683**	**0.1683**	**0.0000**	**1,663.2139**	**1,663.2139**	**0.0519**	**0.0301**	**1,673.4825**

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	0.4282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.0407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1505	1.2864	0.5474	8.2100e-003		0.1040	0.1040		0.1040	0.1040	0.0000	1,642.2353	1,642.2353	0.0315	0.0301	1,651.9943
Landscaping	0.3547	0.1347	11.6733	6.2000e-004		0.0643	0.0643		0.0643	0.0643		20.9786	20.9786	0.0204		21.4882
Total	**5.9741**	**1.4211**	**12.2207**	**8.8300e-003**		**0.1683**	**0.1683**		**0.1683**	**0.1683**	**0.0000**	**1,663.2139**	**1,663.2139**	**0.0519**	**0.0301**	**1,673.4825**

Moss Street - Unmitigated Construction and 2021 Operations

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,645.00	0
Other Non-Asphalt Surfaces	82.08	1000sqft	1.88	82,081.00	0
Parking Lot	66.00	Space	0.27	11,556.00	0
Condo/Townhouse High Rise	141.00	Dwelling Unit	3.45	233,061.00	403

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Unmitigated Construction and 2021 Project Operations
CO2 intensity adjusted based on SD Gas & Electric renewable energy portfolio

Land Use - Information from final site plan and RFI response (Most recent project information as of April 2, 2019)

Construction Phase - Adjustments based on applicant-provided information
Applicant stated no site prep phase; demolition, grading and architectural coating are 30 days
(most recent project information as of April 2, 2019)

Demolition - Measured from Google Earth

Grading - Inputs based on final site plan (most recent project information as of April 2, 2019)
10,000 cubic yards of material to be imported and 15,000 cubic yards of material to be exported

Architectural Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Vehicle Trips - Trip rate adjusted based on TIA report for proposed project
Consistent with the TIA, a transit reduction of 5% was applied

Woodstoves - No woodburning

Area Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Construction Off-road Equipment Mitigation - Fugitive dust control measures

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberWood	49.35	0.00
tblGrading	AcresOfGrading	15.00	10.00
tblGrading	MaterialExported	0.00	15,000.00
tblGrading	MaterialImported	0.00	10,000.00
tblLandUse	LandUseSquareFeet	56,628.00	56,645.00
tblLandUse	LandUseSquareFeet	82,080.00	82,081.00
tblLandUse	LandUseSquareFeet	26,400.00	11,556.00
tblLandUse	LandUseSquareFeet	141,000.00	233,061.00
tblLandUse	LotAcreage	0.59	0.27
tblLandUse	LotAcreage	2.20	3.45
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblVehicleTrips	HO_TTP	39.60	39.50
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HW_TTP	41.60	41.50
tblVehicleTrips	ST_TR	4.31	7.60
tblVehicleTrips	SU_TR	3.43	7.60
tblVehicleTrips	WD_TR	4.18	7.60
tblWoodstoves	NumberCatalytic	7.05	0.00

tblWoodstoves	NumberNoncatalytic	7.05	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2019	3.6362	60.0036	23.9701	0.1121	8.4361	1.8031	9.9552	3.8977	1.6775	5.2996	0.0000	11,922.9776	11,922.9776	1.7598	0.0000	11,966.9733
2020	52.4729	24.1508	22.5333	0.0507	1.6262	1.1491	2.7753	0.4375	1.0806	1.5181	0.0000	5,004.2796	5,004.2796	0.7544	0.0000	5,023.1387
Maximum	**52.4729**	**60.0036**	**23.9701**	**0.1121**	**8.4361**	**1.8031**	**9.9552**	**3.8977**	**1.6775**	**5.2996**	**0.0000**	**11,922.9776**	**11,922.9776**	**1.7598**	**0.0000**	**11,966.9733**

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					
2019	3.6362	60.0036	23.9701	0.1121	4.8651	1.8031	6.3842	2.0463	1.6775	3.4483	0.0000	11,922.9776	11,922.9776	1.7598	0.0000	11,966.9733
2020	52.4729	24.1508	22.5333	0.0507	1.6262	1.1491	2.7753	0.4375	1.0806	1.5181	0.0000	5,004.2796	5,004.2796	0.7544	0.0000	5,023.1387
Maximum	**52.4729**	**60.0036**	**23.9701**	**0.1121**	**4.8651**	**1.8031**	**6.3842**	**2.0463**	**1.6775**	**3.4483**	**0.0000**	**11,922.9776**	**11,922.9776**	**1.7598**	**0.0000**	**11,966.9733**

	ROG	NOx	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**	**35.49**	**0.00**	**28.05**	**42.71**	**0.00**	**27.16**	**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	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825
Energy	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
Mobile	1.8421	7.9820	22.0194	0.0732	6.4877	0.0632	6.5509	1.7340	0.0591	1.7930		7,434.5694	7,434.5694	0.4023		7,444.6265
Total	**7.8471**	**9.6676**	**34.3526**	**0.0837**	**6.4877**	**0.2529**	**6.7406**	**1.7340**	**0.2488**	**1.9827**	**0.0000**	**9,435.3988**	**9,435.3988**	**0.4606**	**0.0363**	**9,457.7309**

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	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825
Energy	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
Mobile	1.8421	7.9820	22.0194	0.0732	6.4877	0.0632	6.5509	1.7340	0.0591	1.7930		7,434.5694	7,434.5694	0.4023		7,444.6265
Total	**7.8471**	**9.6676**	**34.3526**	**0.0837**	**6.4877**	**0.2529**	**6.7406**	**1.7340**	**0.2488**	**1.9827**	**0.0000**	**9,435.3988**	**9,435.3988**	**0.4606**	**0.0363**	**9,457.7309**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2019	10/11/2019	5	30	
2	Grading	Grading	10/12/2019	11/22/2019	5	30	
3	Building Construction	Building Construction	11/23/2019	10/9/2020	5	230	
4	Paving	Paving	10/10/2020	11/6/2020	5	20	
5	Architectural Coating	Architectural Coating	11/7/2020	12/18/2020	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 3.45

Residential Indoor: 471,949; Residential Outdoor: 157,316; 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
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	189.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	165.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2019

Unmitigated Construction On-Site

Category	lb/day										lb/day					
Fugitive Dust					1.3807	0.0000	1.3807	0.2091	0.0000	0.2091			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697		3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**3.5134**	**35.7830**	**22.0600**	**0.0388**	**1.3807**	**1.7949**	**3.1756**	**0.2091**	**1.6697**	**1.8788**		**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

Unmitigated Construction Off-Site

Category	lb/day										lb/day					
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0666	0.0462	0.4386	1.2300e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		122.5371	122.5371	3.9500e-003		122.6359
Total	**0.1228**	**1.9579**	**0.8764**	**6.1400e-003**	**0.2333**	**8.1900e-003**	**0.2415**	**0.0629**	**7.8000e-003**	**0.0707**		**658.6096**	**658.6096**	**0.0540**		**659.9585**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6213	0.0000	0.6213	0.0941	0.0000	0.0941			0.0000			0.0000
Off-Road	3.5134	35.7830	22.0600	0.0388		1.7949	1.7949		1.6697	1.6697	0.0000	3,816.8994	3,816.8994	1.0618		3,843.4451
Total	**3.5134**	**35.7830**	**22.0600**	**0.0388**	**0.6213**	**1.7949**	**2.4162**	**0.0941**	**1.6697**	**1.7638**	**0.0000**	**3,816.8994**	**3,816.8994**	**1.0618**		**3,843.4451**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0562	1.9117	0.4378	4.9100e-003	0.1101	7.3100e-003	0.1174	0.0302	6.9900e-003	0.0372		536.0726	536.0726	0.0500		537.3225
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0666	0.0462	0.4386	1.2300e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		122.5371	122.5371	3.9500e-003		122.6359
Total	**0.1228**	**1.9579**	**0.8764**	**6.1400e-003**	**0.2333**	**8.1900e-003**	**0.2415**	**0.0629**	**7.8000e-003**	**0.0707**		**658.6096**	**658.6096**	**0.0540**		**659.9585**

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.4927	0.0000	6.4927	3.3661	0.0000	3.3661			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856		2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**6.4927**	**1.3974**	**7.8901**	**3.3661**	**1.2856**	**4.6517**		**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9297	31.6095	7.2382	0.0813	1.8202	0.1208	1.9410	0.4988	0.1156	0.6145		8,863.6338	8,863.6338	0.8267		8,884.3013
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0666	0.0462	0.4386	1.2300e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		122.5371	122.5371	3.9500e-003		122.6359
Total	**0.9963**	**31.6556**	**7.6768**	**0.0825**	**1.9434**	**0.1217**	**2.0651**	**0.5315**	**0.1164**	**0.6479**		**8,986.1708**	**8,986.1708**	**0.8307**		**9,006.9372**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.9217	0.0000	2.9217	1.5148	0.0000	1.5148			0.0000			0.0000
Off-Road	2.5805	28.3480	16.2934	0.0297		1.3974	1.3974		1.2856	1.2856	0.0000	2,936.8068	2,936.8068	0.9292		2,960.0361
Total	**2.5805**	**28.3480**	**16.2934**	**0.0297**	**2.9217**	**1.3974**	**4.3191**	**1.5148**	**1.2856**	**2.8003**	**0.0000**	**2,936.8068**	**2,936.8068**	**0.9292**		**2,960.0361**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.9297	31.6095	7.2382	0.0813	1.8202	0.1208	1.9410	0.4988	0.1156	0.6145		8,863.6338	8,863.6338	0.8267		8,884.3013
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0666	0.0462	0.4386	1.2300e-003	0.1232	8.8000e-004	0.1241	0.0327	8.1000e-004	0.0335		122.5371	122.5371	3.9500e-003		122.6359
Total	**0.9963**	**31.6556**	**7.6768**	**0.0825**	**1.9434**	**0.1217**	**2.0651**	**0.5315**	**0.1164**	**0.6479**		**8,986.1708**	**8,986.1708**	**0.8307**		**9,006.9372**

3.4 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	0.1920	4.9635	1.4196	0.0108	0.2708	0.0351	0.3059	0.0780	0.0336	0.1115		1,154.0010	1,154.0010	0.0973		1,156.4323
Worker	0.7327	0.5078	4.8245	0.0135	1.3554	9.6600e-003	1.3651	0.3595	8.9000e-003	0.3684		1,347.9077	1,347.9077	0.0435		1,348.9950
Total	**0.9248**	**5.4713**	**6.2441**	**0.0243**	**1.6262**	**0.0448**	**1.6710**	**0.4375**	**0.0425**	**0.4800**		**2,501.9087**	**2,501.9087**	**0.1407**		**2,505.4273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive 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	0.1920	4.9635	1.4196	0.0108	0.2708	0.0351	0.3059	0.0780	0.0336	0.1115		1,154.0010	1,154.0010	0.0973		1,156.4323
Worker	0.7327	0.5078	4.8245	0.0135	1.3554	9.6600e-003	1.3651	0.3595	8.9000e-003	0.3684		1,347.9077	1,347.9077	0.0435		1,348.9950
Total	**0.9248**	**5.4713**	**6.2441**	**0.0243**	**1.6262**	**0.0448**	**1.6710**	**0.4375**	**0.0425**	**0.4800**		**2,501.9087**	**2,501.9087**	**0.1407**		**2,505.4273**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503		2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**		**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1566	4.5067	1.2752	0.0107	0.2708	0.0225	0.2933	0.0780	0.0215	0.0995		1,145.8489	1,145.8489	0.0922		1,148.1539
Worker	0.6858	0.4580	4.4096	0.0131	1.3554	9.5100e-003	1.3650	0.3595	8.7600e-003	0.3683		1,305.3677	1,305.3677	0.0393		1,306.3503
Total	**0.8423**	**4.9647**	**5.6848**	**0.0238**	**1.6262**	**0.0320**	**1.6582**	**0.4375**	**0.0303**	**0.4678**		**2,451.2166**	**2,451.2166**	**0.1315**		**2,454.5042**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	2.1198	19.1860	16.8485	0.0269		1.1171	1.1171		1.0503	1.0503	0.0000	2,553.0631	2,553.0631	0.6229		2,568.6345
Total	**2.1198**	**19.1860**	**16.8485**	**0.0269**		**1.1171**	**1.1171**		**1.0503**	**1.0503**	**0.0000**	**2,553.0631**	**2,553.0631**	**0.6229**		**2,568.6345**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.1566	4.5067	1.2752	0.0107	0.2708	0.0225	0.2933	0.0780	0.0215	0.0995		1,145.8489	1,145.8489	0.0922		1,148.1539
Worker	0.6858	0.4580	4.4096	0.0131	1.3554	9.5100e-003	1.3650	0.3595	8.7600e-003	0.3683		1,305.3677	1,305.3677	0.0393		1,306.3503
Total	**0.8423**	**4.9647**	**5.6848**	**0.0238**	**1.6262**	**0.0320**	**1.6582**	**0.4375**	**0.0303**	**0.4678**		**2,451.2166**	**2,451.2166**	**0.1315**		**2,454.5042**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926		2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5622**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**		**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0416	0.4009	1.1900e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		118.6698	118.6698	3.5700e-003		118.7591
Total	**0.0623**	**0.0416**	**0.4009**	**1.1900e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**118.6698**	**118.6698**	**3.5700e-003**		**118.7591**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3566	14.0656	14.6521	0.0228		0.7528	0.7528		0.6926	0.6926	0.0000	2,207.7334	2,207.7334	0.7140		2,225.5841
Paving	0.2057					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.5622**	**14.0656**	**14.6521**	**0.0228**		**0.7528**	**0.7528**		**0.6926**	**0.6926**	**0.0000**	**2,207.7334**	**2,207.7334**	**0.7140**		**2,225.5841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0416	0.4009	1.1900e-003	0.1232	8.6000e-004	0.1241	0.0327	8.0000e-004	0.0335		118.6698	118.6698	3.5700e-003		118.7591
Total	**0.0623**	**0.0416**	**0.4009**	**1.1900e-003**	**0.1232**	**8.6000e-004**	**0.1241**	**0.0327**	**8.0000e-004**	**0.0335**		**118.6698**	**118.6698**	**3.5700e-003**		**118.7591**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	52.0935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**52.3357**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1372	0.0916	0.8819	2.6200e-003	0.2711	1.9000e-003	0.2730	0.0719	1.7500e-003	0.0737		261.0735	261.0735	7.8600e-003		261.2701
Total	**0.1372**	**0.0916**	**0.8819**	**2.6200e-003**	**0.2711**	**1.9000e-003**	**0.2730**	**0.0719**	**1.7500e-003**	**0.0737**		**261.0735**	**261.0735**	**7.8600e-003**		**261.2701**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	52.0935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**52.3357**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.1372	0.0916	0.8819	2.6200e-003	0.2711	1.9000e-003	0.2730	0.0719	1.7500e-003	0.0737		261.0735	261.0735	7.8600e-003		261.2701
Total	**0.1372**	**0.0916**	**0.8819**	**2.6200e-003**	**0.2711**	**1.9000e-003**	**0.2730**	**0.0719**	**1.7500e-003**	**0.0737**		**261.0735**	**261.0735**	**7.8600e-003**		**261.2701**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.8421	7.9820	22.0194	0.0732	6.4877	0.0632	6.5509	1.7340	0.0591	1.7930		7,434.5694	7,434.5694	0.4023		7,444.6265
Unmitigated	1.8421	7.9820	22.0194	0.0732	6.4877	0.0632	6.5509	1.7340	0.0591	1.7930		7,434.5694	7,434.5694	0.4023		7,444.6265

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,072.00	1,072.00	1072.00	3,059,605	3,059,605
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	1,072.00	1,072.00	1,072.00	3,059,605	3,059,605

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
Condo/Townhouse High Rise	10.80	7.30	7.50	41.50	19.00	39.50	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
Condo/Townhouse High Rise	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Non-Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Parking Lot	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219
NaturalGas Unmitigated	0.0310	0.2645	0.1125	1.6900e-003		0.0214	0.0214		0.0214	0.0214		337.6156	337.6156	6.4700e-003	6.1900e-003	339.6219

5.2 Energy by Land Use - NaturalGas

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0310**	**0.2645**	**0.1125**	**1.6900e-003**		**0.0214**	**0.0214**		**0.0214**	**0.0214**		**337.6156**	**337.6156**	**6.4700e-003**	**6.1900e-003**	**339.6219**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0310**	**0.2645**	**0.1125**	**1.6900e-003**		**0.0214**	**0.0214**		**0.0214**	**0.0214**		**337.6156**	**337.6156**	**6.4700e-003**	**6.1900e-003**	**339.6219**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825
Unmitigated	5.9741	1.4211	12.2207	8.8300e-003		0.1683	0.1683		0.1683	0.1683	0.0000	1,663.2139	1,663.2139	0.0519	0.0301	1,673.4825

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	0.4282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.0407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1505	1.2864	0.5474	8.2100e-003		0.1040	0.1040		0.1040	0.1040	0.0000	1,642.2353	1,642.2353	0.0315	0.0301	1,651.9943
Landscaping	0.3547	0.1347	11.6733	6.2000e-004		0.0643	0.0643		0.0643	0.0643		20.9786	20.9786	0.0204		21.4882
Total	**5.9741**	**1.4211**	**12.2207**	**8.8300e-003**		**0.1683**	**0.1683**		**0.1683**	**0.1683**	**0.0000**	**1,663.2139**	**1,663.2139**	**0.0519**	**0.0301**	**1,673.4825**

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	0.4282					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	5.0407					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.1505	1.2864	0.5474	8.2100e-003		0.1040	0.1040		0.1040	0.1040	0.0000	1,642.2353	1,642.2353	0.0315	0.0301	1,651.9943
Landscaping	0.3547	0.1347	11.6733	6.2000e-004		0.0643	0.0643		0.0643	0.0643		20.9786	20.9786	0.0204		21.4882
Total	**5.9741**	**1.4211**	**12.2207**	**8.8300e-003**		**0.1683**	**0.1683**		**0.1683**	**0.1683**	**0.0000**	**1,663.2139**	**1,663.2139**	**0.0519**	**0.0301**	**1,673.4825**

Moss Street

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,645.00	0
Other Non-Asphalt Surfaces	82.08	1000sqft	1.88	82,081.00	0
Parking Lot	66.00	Space	0.27	11,556.00	0
Condo/Townhouse High Rise	141.00	Dwelling Unit	3.45	233,061.00	403

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Moss Street - San Diego County, Annual

Project Characteristics - CO2 intensity adjusted based on SD Gas & Electricy renewable energy portfolio.

Land Use - information from final site plan and RFI response

Construction Phase - applicant stated no site prep phase; demolition, grading and architectural coating are 30 days

Demolition - measured from google earth

Grading - from final site plan

Architectural Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Vehicle Trips - trip rate is adjusted based on TIA report.

Woodstoves - no wood burned.

Area Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Energy Use - .

Construction Off-road Equipment Mitigation - fugitive control measures+ tier IV

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Residential_Exterior	250.00	50.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	50.00
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
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
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberWood	49.35	0.00
tblGrading	AcresOfGrading	15.00	10.00
tblGrading	MaterialExported	0.00	15,000.00
tblGrading	MaterialImported	0.00	10,000.00
tblLandUse	LandUseSquareFeet	56,628.00	56,645.00
tblLandUse	LandUseSquareFeet	82,080.00	82,081.00

tblLandUse	LandUseSquareFeet	26,400.00	11,556.00
tblLandUse	LandUseSquareFeet	141,000.00	233,061.00
tblLandUse	LotAcreage	0.59	0.27
tblLandUse	LotAcreage	2.20	3.45
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblVehicleTrips	HO_TTP	39.60	39.50
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HW_TTP	41.60	41.50
tblVehicleTrips	ST_TR	4.31	7.01
tblVehicleTrips	SU_TR	3.43	7.01
tblVehicleTrips	WD_TR	4.18	7.01
tblWoodstoves	NumberCatalytic	7.05	0.00
tblWoodstoves	NumberNoncatalytic	7.05	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2019	0.1509	1.8302	1.0143	3.0600e-003	0.1715	0.0678	0.2393	0.0682	0.0631	0.1313	0.0000	287.2084	287.2084	0.0483	0.0000	288.4163
2020	1.0954	2.6235	2.4725	5.5000e-003	0.1664	0.1258	0.2923	0.0448	0.1183	0.1631	0.0000	492.1440	492.1440	0.0761	0.0000	494.0470
Maximum	**1.0954**	**2.6235**	**2.4725**	**5.5000e-003**	**0.1715**	**0.1258**	**0.2923**	**0.0682**	**0.1183**	**0.1631**	**0.0000**	**492.1440**	**492.1440**	**0.0761**	**0.0000**	**494.0470**

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					
2019	0.0445	0.6675	1.0585	3.0600e-003	0.1066	4.7200e-003	0.1113	0.0387	4.6100e-003	0.0433	0.0000	287.2082	287.2082	0.0483	0.0000	288.4161
2020	0.8996	0.7512	2.5610	5.5000e-003	0.1664	7.8300e-003	0.1743	0.0448	7.6600e-003	0.0525	0.0000	492.1437	492.1437	0.0761	0.0000	494.0467
Maximum	**0.8996**	**0.7512**	**2.5610**	**5.5000e-003**	**0.1664**	**7.8300e-003**	**0.1743**	**0.0448**	**7.6600e-003**	**0.0525**	**0.0000**	**492.1437**	**492.1437**	**0.0761**	**0.0000**	**494.0467**

	ROG	NOx	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	**24.26**	**68.15**	**-3.81**	**0.00**	**19.22**	**93.52**	**46.29**	**26.11**	**93.24**	**67.47**	**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	9-1-2019	11-30-2019	1.6445	0.6106
2	12-1-2019	2-29-2020	0.9113	0.2785
3	3-1-2020	5-31-2020	0.8879	0.2721
4	6-1-2020	8-31-2020	0.8865	0.2706
5	9-1-2020	9-30-2020	0.2891	0.0882
		Highest	1.6445	0.6106

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	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997
Energy	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	181.1059	181.1059	9.0300e-003	2.6700e-003	182.1281
Mobile	0.3017	1.3433	3.6559	0.0124	1.0632	0.0105	1.0737	0.2847	9.8600e-003	0.2946	0.0000	1,142.3227	1,142.3227	0.0606	0.0000	1,143.8382
Waste						0.0000	0.0000		0.0000	0.0000	13.1660	0.0000	13.1660	0.7781	0.0000	32.6182
Water						0.0000	0.0000		0.0000	0.0000	2.9145	38.0510	40.9655	0.3018	7.5700e-003	50.7653
Total	**1.3435**	**1.4564**	**4.7495**	**0.0131**	**1.0632**	**0.0245**	**1.0876**	**0.2847**	**0.0238**	**0.3085**	**16.0805**	**1,424.2746**	**1,440.3551**	**1.1524**	**0.0114**	**1,472.5494**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997
Energy	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	181.1059	181.1059	9.0300e-003	2.6700e-003	182.1281
Mobile	0.3017	1.3433	3.6559	0.0124	1.0632	0.0105	1.0737	0.2847	9.8600e-003	0.2946	0.0000	1,142.3227	1,142.3227	0.0606	0.0000	1,143.8382
Waste						0.0000	0.0000		0.0000	0.0000	13.1660	0.0000	13.1660	0.7781	0.0000	32.6182
Water						0.0000	0.0000		0.0000	0.0000	2.9145	38.0510	40.9655	0.3018	7.5700e-003	50.7653
Total	**1.3435**	**1.4564**	**4.7495**	**0.0131**	**1.0632**	**0.0245**	**1.0876**	**0.2847**	**0.0238**	**0.3085**	**16.0805**	**1,424.2746**	**1,440.3551**	**1.1524**	**0.0114**	**1,472.5494**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2019	10/11/2019	5	30	
2	Grading	Grading	10/12/2019	11/22/2019	5	30	
3	Building Construction	Building Construction	11/23/2019	10/9/2020	5	230	
4	Paving	Paving	10/10/2020	11/6/2020	5	20	
5	Architectural Coating	Architectural Coating	11/7/2020	12/18/2020	5	30	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 10

Acres of Paving: 3.45

Residential Indoor: 471,949; Residential Outdoor: 157,316; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 9,017 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
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	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
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
Demolition	6	15.00	0.00	189.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	3,125.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	165.00	40.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	33.00	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

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0207	0.0000	0.0207	3.1400e-003	0.0000	3.1400e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0527	0.5367	0.3309	5.8000e-004		0.0269	0.0269		0.0250	0.0250	0.0000	51.9395	51.9395	0.0145	0.0000	52.3007
Total	**0.0527**	**0.5367**	**0.3309**	**5.8000e-004**	**0.0207**	**0.0269**	**0.0476**	**3.1400e-003**	**0.0250**	**0.0282**	**0.0000**	**51.9395**	**51.9395**	**0.0145**	**0.0000**	**52.3007**

3.2 Demolition - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.3000e-004	0.0290	6.3200e-003	7.0000e-005	1.6200e-003	1.1000e-004	1.7300e-003	4.4000e-004	1.0000e-004	5.5000e-004	0.0000	7.3672	7.3672	6.7000e-004	0.0000	7.3838
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**1.7200e-003**	**0.0296**	**0.0129**	**9.0000e-005**	**3.4200e-003**	**1.2000e-004**	**3.5500e-003**	**9.2000e-004**	**1.1000e-004**	**1.0400e-003**	**0.0000**	**9.0513**	**9.0513**	**7.2000e-004**	**0.0000**	**9.0693**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					9.3200e-003	0.0000	9.3200e-003	1.4100e-003	0.0000	1.4100e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.9300e-003	0.0301	0.3492	5.8000e-004		9.2000e-004	9.2000e-004		9.2000e-004	9.2000e-004	0.0000	51.9394	51.9394	0.0145	0.0000	52.3007
Total	**6.9300e-003**	**0.0301**	**0.3492**	**5.8000e-004**	**9.3200e-003**	**9.2000e-004**	**0.0102**	**1.4100e-003**	**9.2000e-004**	**2.3300e-003**	**0.0000**	**51.9394**	**51.9394**	**0.0145**	**0.0000**	**52.3007**

3.2 Demolition - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.3000e-004	0.0290	6.3200e-003	7.0000e-005	1.6200e-003	1.1000e-004	1.7300e-003	4.4000e-004	1.0000e-004	5.5000e-004	0.0000	7.3672	7.3672	6.7000e-004	0.0000	7.3838
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**1.7200e-003**	**0.0296**	**0.0129**	**9.0000e-005**	**3.4200e-003**	**1.2000e-004**	**3.5500e-003**	**9.2000e-004**	**1.1000e-004**	**1.0400e-003**	**0.0000**	**9.0513**	**9.0513**	**7.2000e-004**	**0.0000**	**9.0693**

3.3 Grading - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0974	0.0000	0.0974	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0387	0.4252	0.2444	4.4000e-004		0.0210	0.0210		0.0193	0.0193	0.0000	39.9634	39.9634	0.0126	0.0000	40.2795
Total	**0.0387**	**0.4252**	**0.2444**	**4.4000e-004**	**0.0974**	**0.0210**	**0.1184**	**0.0505**	**0.0193**	**0.0698**	**0.0000**	**39.9634**	**39.9634**	**0.0126**	**0.0000**	**40.2795**

3.3 Grading - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0137	0.4788	0.1045	1.2300e-003	0.0267	1.7900e-003	0.0285	7.3400e-003	1.7100e-003	9.0500e-003	0.0000	121.8117	121.8117	0.0110	0.0000	122.0874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**0.0146**	**0.4795**	**0.1110**	**1.2500e-003**	**0.0285**	**1.8000e-003**	**0.0304**	**7.8200e-003**	**1.7200e-003**	**9.5400e-003**	**0.0000**	**123.4958**	**123.4958**	**0.0111**	**0.0000**	**123.7728**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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					0.0438	0.0000	0.0438	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4500e-003	0.0236	0.2663	4.4000e-004		7.3000e-004	7.3000e-004		7.3000e-004	7.3000e-004	0.0000	39.9634	39.9634	0.0126	0.0000	40.2795
Total	**5.4500e-003**	**0.0236**	**0.2663**	**4.4000e-004**	**0.0438**	**7.3000e-004**	**0.0446**	**0.0227**	**7.3000e-004**	**0.0235**	**0.0000**	**39.9634**	**39.9634**	**0.0126**	**0.0000**	**40.2795**

3.3 Grading - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0137	0.4788	0.1045	1.2300e-003	0.0267	1.7900e-003	0.0285	7.3400e-003	1.7100e-003	9.0500e-003	0.0000	121.8117	121.8117	0.0110	0.0000	122.0874
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.9000e-004	6.8000e-004	6.5800e-003	2.0000e-005	1.8000e-003	1.0000e-005	1.8200e-003	4.8000e-004	1.0000e-005	4.9000e-004	0.0000	1.6841	1.6841	5.0000e-005	0.0000	1.6855
Total	**0.0146**	**0.4795**	**0.1110**	**1.2500e-003**	**0.0285**	**1.8000e-003**	**0.0304**	**7.8200e-003**	**1.7200e-003**	**9.5400e-003**	**0.0000**	**123.4958**	**123.4958**	**0.0111**	**0.0000**	**123.7728**

3.4 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	0.0319	0.2846	0.2317	3.6000e-004		0.0174	0.0174		0.0164	0.0164	0.0000	31.7391	31.7391	7.7300e-003	0.0000	31.9324
Total	**0.0319**	**0.2846**	**0.2317**	**3.6000e-004**		**0.0174**	**0.0174**		**0.0164**	**0.0164**	**0.0000**	**31.7391**	**31.7391**	**7.7300e-003**	**0.0000**	**31.9324**

3.4 Building Construction - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5300e-003	0.0678	0.0182	1.5000e-004	3.5800e-003	4.7000e-004	4.0500e-003	1.0300e-003	4.5000e-004	1.4800e-003	0.0000	14.3466	14.3466	1.1500e-003	0.0000	14.3754
Worker	8.7800e-003	6.7400e-003	0.0652	1.8000e-004	0.0179	1.3000e-004	0.0180	4.7500e-003	1.2000e-004	4.8700e-003	0.0000	16.6728	16.6728	5.4000e-004	0.0000	16.6862
Total	**0.0113**	**0.0745**	**0.0834**	**3.3000e-004**	**0.0214**	**6.0000e-004**	**0.0220**	**5.7800e-003**	**5.7000e-004**	**6.3500e-003**	**0.0000**	**31.0194**	**31.0194**	**1.6900e-003**	**0.0000**	**31.0616**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.4300e-003	0.0302	0.2357	3.6000e-004		5.5000e-004	5.5000e-004		5.5000e-004	5.5000e-004	0.0000	31.7390	31.7390	7.7300e-003	0.0000	31.9323
Total	**4.4300e-003**	**0.0302**	**0.2357**	**3.6000e-004**		**5.5000e-004**	**5.5000e-004**		**5.5000e-004**	**5.5000e-004**	**0.0000**	**31.7390**	**31.7390**	**7.7300e-003**	**0.0000**	**31.9323**

3.4 Building Construction - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.5300e-003	0.0678	0.0182	1.5000e-004	3.5800e-003	4.7000e-004	4.0500e-003	1.0300e-003	4.5000e-004	1.4800e-003	0.0000	14.3466	14.3466	1.1500e-003	0.0000	14.3754
Worker	8.7800e-003	6.7400e-003	0.0652	1.8000e-004	0.0179	1.3000e-004	0.0180	4.7500e-003	1.2000e-004	4.8700e-003	0.0000	16.6728	16.6728	5.4000e-004	0.0000	16.6862
Total	**0.0113**	**0.0745**	**0.0834**	**3.3000e-004**	**0.0214**	**6.0000e-004**	**0.0220**	**5.7800e-003**	**5.7000e-004**	**6.3500e-003**	**0.0000**	**31.0194**	**31.0194**	**1.6900e-003**	**0.0000**	**31.0616**

3.4 Building Construction - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2152	1.9474	1.7101	2.7300e-003		0.1134	0.1134		0.1066	0.1066	0.0000	235.0841	235.0841	0.0574	0.0000	236.5179
Total	**0.2152**	**1.9474**	**1.7101**	**2.7300e-003**		**0.1134**	**0.1134**		**0.1066**	**0.1066**	**0.0000**	**235.0841**	**235.0841**	**0.0574**	**0.0000**	**236.5179**

3.4 Building Construction - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0155	0.4628	0.1230	1.1000e-003	0.0270	2.2600e-003	0.0292	7.7800e-003	2.1600e-003	9.9400e-003	0.0000	107.1277	107.1277	8.2100e-003	0.0000	107.3330
Worker	0.0617	0.0457	0.4482	1.3400e-003	0.1343	9.7000e-004	0.1353	0.0357	8.9000e-004	0.0366	0.0000	121.3985	121.3985	3.6400e-003	0.0000	121.4896
Total	**0.0772**	**0.5085**	**0.5711**	**2.4400e-003**	**0.1613**	**3.2300e-003**	**0.1645**	**0.0435**	**3.0500e-003**	**0.0465**	**0.0000**	**228.5263**	**228.5263**	**0.0119**	**0.0000**	**228.8227**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0333	0.2268	1.7722	2.7300e-003		4.1400e-003	4.1400e-003		4.1400e-003	4.1400e-003	0.0000	235.0839	235.0839	0.0574	0.0000	236.5177
Total	**0.0333**	**0.2268**	**1.7722**	**2.7300e-003**		**4.1400e-003**	**4.1400e-003**		**4.1400e-003**	**4.1400e-003**	**0.0000**	**235.0839**	**235.0839**	**0.0574**	**0.0000**	**236.5177**

3.4 Building Construction - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0155	0.4628	0.1230	1.1000e-003	0.0270	2.2600e-003	0.0292	7.7800e-003	2.1600e-003	9.9400e-003	0.0000	107.1277	107.1277	8.2100e-003	0.0000	107.3330
Worker	0.0617	0.0457	0.4482	1.3400e-003	0.1343	9.7000e-004	0.1353	0.0357	8.9000e-004	0.0366	0.0000	121.3985	121.3985	3.6400e-003	0.0000	121.4896
Total	**0.0772**	**0.5085**	**0.5711**	**2.4400e-003**	**0.1613**	**3.2300e-003**	**0.1645**	**0.0435**	**3.0500e-003**	**0.0465**	**0.0000**	**228.5263**	**228.5263**	**0.0119**	**0.0000**	**228.8227**

3.5 Paving - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0136	0.1407	0.1465	2.3000e-004		7.5300e-003	7.5300e-003		6.9300e-003	6.9300e-003	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1902
Paving	2.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0156**	**0.1407**	**0.1465**	**2.3000e-004**		**7.5300e-003**	**7.5300e-003**		**6.9300e-003**	**6.9300e-003**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1902**

3.5 Paving - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	4.1000e-004	4.0100e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2100e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0873	1.0873	3.0000e-005	0.0000	1.0881
Total	**5.5000e-004**	**4.1000e-004**	**4.0100e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2100e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.0873**	**1.0873**	**3.0000e-005**	**0.0000**	**1.0881**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-003	0.0122	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0282	20.0282	6.4800e-003	0.0000	20.1901
Paving	2.0600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**4.8600e-003**	**0.0122**	**0.1730**	**2.3000e-004**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**20.0282**	**20.0282**	**6.4800e-003**	**0.0000**	**20.1901**

3.5 Paving - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	4.1000e-004	4.0100e-003	1.0000e-005	1.2000e-003	1.0000e-005	1.2100e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	1.0873	1.0873	3.0000e-005	0.0000	1.0881
Total	**5.5000e-004**	**4.1000e-004**	**4.0100e-003**	**1.0000e-005**	**1.2000e-003**	**1.0000e-005**	**1.2100e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**1.0873**	**1.0873**	**3.0000e-005**	**0.0000**	**1.0881**

3.6 Architectural Coating - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7814					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6300e-003	0.0253	0.0275	4.0000e-005		1.6600e-003	1.6600e-003		1.6600e-003	1.6600e-003	0.0000	3.8299	3.8299	3.0000e-004	0.0000	3.8373
Total	**0.7850**	**0.0253**	**0.0275**	**4.0000e-005**		**1.6600e-003**	**1.6600e-003**		**1.6600e-003**	**1.6600e-003**	**0.0000**	**3.8299**	**3.8299**	**3.0000e-004**	**0.0000**	**3.8373**

3.6 Architectural Coating - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.3500e-003	0.0133	4.0000e-005	3.9700e-003	3.0000e-005	4.0000e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.5881	3.5881	1.1000e-004	0.0000	3.5908
Total	**1.8200e-003**	**1.3500e-003**	**0.0133**	**4.0000e-005**	**3.9700e-003**	**3.0000e-005**	**4.0000e-003**	**1.0500e-003**	**3.0000e-005**	**1.0800e-003**	**0.0000**	**3.5881**	**3.5881**	**1.1000e-004**	**0.0000**	**3.5908**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 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	0.7814					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.5000e-004	1.9300e-003	0.0275	4.0000e-005		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	3.8299	3.8299	3.0000e-004	0.0000	3.8373
Total	**0.7819**	**1.9300e-003**	**0.0275**	**4.0000e-005**		**6.0000e-005**	**6.0000e-005**		**6.0000e-005**	**6.0000e-005**	**0.0000**	**3.8299**	**3.8299**	**3.0000e-004**	**0.0000**	**3.8373**

3.6 Architectural Coating - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8200e-003	1.3500e-003	0.0133	4.0000e-005	3.9700e-003	3.0000e-005	4.0000e-003	1.0500e-003	3.0000e-005	1.0800e-003	0.0000	3.5881	3.5881	1.1000e-004	0.0000	3.5908
Total	**1.8200e-003**	**1.3500e-003**	**0.0133**	**4.0000e-005**	**3.9700e-003**	**3.0000e-005**	**4.0000e-003**	**1.0500e-003**	**3.0000e-005**	**1.0800e-003**	**0.0000**	**3.5881**	**3.5881**	**1.1000e-004**	**0.0000**	**3.5908**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3017	1.3433	3.6559	0.0124	1.0632	0.0105	1.0737	0.2847	9.8600e-003	0.2946	0.0000	1,142.3227	1,142.3227	0.0606	0.0000	1,143.8382
Unmitigated	0.3017	1.3433	3.6559	0.0124	1.0632	0.0105	1.0737	0.2847	9.8600e-003	0.2946	0.0000	1,142.3227	1,142.3227	0.0606	0.0000	1,143.8382

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	988.41	988.41	988.41	2,821,029	2,821,029
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	988.41	988.41	988.41	2,821,029	2,821,029

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
Condo/Townhouse High Rise	10.80	7.30	7.50	41.50	19.00	39.50	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
Condo/Townhouse High Rise	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Other Non-Asphalt Surfaces	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193
Parking Lot	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	125.2098	125.2098	7.9600e-003	1.6500e-003	125.8999
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	125.2098	125.2098	7.9600e-003	1.6500e-003	125.8999
NaturalGas Mitigated	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
NaturalGas Unmitigated	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282

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					
Condo/Townhouse High Rise	1.04745e+006	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
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		**5.6500e-003**	**0.0483**	**0.0205**	**3.1000e-004**		**3.9000e-003**	**3.9000e-003**		**3.9000e-003**	**3.9000e-003**	**0.0000**	**55.8961**	**55.8961**	**1.0700e-003**	**1.0200e-003**	**56.2282**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	1.04745e+006	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
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		**5.6500e-003**	**0.0483**	**0.0205**	**3.1000e-004**		**3.9000e-003**	**3.9000e-003**		**3.9000e-003**	**3.9000e-003**	**0.0000**	**55.8961**	**55.8961**	**1.0700e-003**	**1.0200e-003**	**56.2282**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	601307	124.3733	7.9100e-003	1.6400e-003	125.0587
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	4044.6	0.8366	5.0000e-005	1.0000e-005	0.8412
Total		**125.2098**	**7.9600e-003**	**1.6500e-003**	**125.8999**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	601307	124.3733	7.9100e-003	1.6400e-003	125.0587
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	4044.6	0.8366	5.0000e-005	1.0000e-005	0.8412
Total		**125.2098**	**7.9600e-003**	**1.6500e-003**	**125.8999**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997
Unmitigated	1.0362	0.0649	1.0730	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8400e-003	1.1200e-003	63.1997

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	0.0781					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9199					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.1700e-003	0.0527	0.0224	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	61.0822	61.0822	1.1700e-003	1.1200e-003	61.4452
Landscaping	0.0319	0.0121	1.0506	6.0000e-005		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003	0.0000	1.7128	1.7128	1.6600e-003	0.0000	1.7544
Total	**1.0362**	**0.0649**	**1.0730**	**4.0000e-004**		**0.0101**	**0.0101**		**0.0101**	**0.0101**	**0.0000**	**62.7951**	**62.7951**	**2.8300e-003**	**1.1200e-003**	**63.1997**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0781					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9199					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.1700e-003	0.0527	0.0224	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	61.0822	61.0822	1.1700e-003	1.1200e-003	61.4452
Landscaping	0.0319	0.0121	1.0506	6.0000e-005		5.7900e-003	5.7900e-003		5.7900e-003	5.7900e-003	0.0000	1.7128	1.7128	1.6600e-003	0.0000	1.7544
Total	**1.0362**	**0.0649**	**1.0730**	**4.0000e-004**		**0.0101**	**0.0101**		**0.0101**	**0.0101**	**0.0000**	**62.7951**	**62.7951**	**2.8300e-003**	**1.1200e-003**	**63.1997**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	40.9655	0.3018	7.5700e-003	50.7653
Unmitigated	40.9655	0.3018	7.5700e-003	50.7653

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	9.18672 / 5.79163	40.9655	0.3018	7.5700e-003	50.7653
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		**40.9655**	**0.3018**	**7.5700e-003**	**50.7653**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	9.18672 / 5.79163	40.9655	0.3018	7.5700e-003	50.7653
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		**40.9655**	**0.3018**	**7.5700e-003**	**50.7653**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	13.1660	0.7781	0.0000	32.6182
Unmitigated	13.1660	0.7781	0.0000	32.6182

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	64.86	13.1660	0.7781	0.0000	32.6182
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		**13.1660**	**0.7781**	**0.0000**	**32.6182**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	64.86	13.1660	0.7781	0.0000	32.6182
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		**13.1660**	**0.7781**	**0.0000**	**32.6182**

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

Moss Street 2030 Operations

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	1.30	Acre	1.30	56,645.00	0
Other Non-Asphalt Surfaces	82.08	1000sqft	1.88	82,081.00	0
Parking Lot	66.00	Space	0.27	11,556.00	0
Condo/Townhouse High Rise	141.00	Dwelling Unit	3.45	233,061.00	403

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	400	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Moss Street 2030 Operations-Operational Run Only
CO2 intensity adjusted based on SD Gas & Electric renewable energy portfolio

Land Use - Information from final site plan and RFI response (Most recent project information as of April 2, 2019)

Construction Phase - Operational only run

Off-road Equipment - Operational only run

Trips and VMT - Operational only run

Demolition - Operational only run

Vehicle Trips - Trip rate adjusted based on TIA report for proposed project
Consistent with the TIA, a transit reduction of 5% was applied

Woodstoves - No woodburning

Area Coating - 50 g/L Flat Coatings - VOC limit based on SDAPCD Rule 67.0.1

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_EF_Residential_Exterior	250	50
tblAreaCoating	Area_EF_Residential_Interior	250	50
tblConstructionPhase	NumDays	20.00	1.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberWood	49.35	0.00
tblLandUse	LandUseSquareFeet	56,628.00	56,645.00
tblLandUse	LandUseSquareFeet	82,080.00	82,081.00
tblLandUse	LandUseSquareFeet	26,400.00	11,556.00
tblLandUse	LandUseSquareFeet	141,000.00	233,061.00
tblLandUse	LotAcreage	0.59	0.27
tblLandUse	LotAcreage	2.20	3.45
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	400
tblVehicleTrips	HO_TTP	39.60	39.50
tblVehicleTrips	HS_TTP	18.80	19.00
tblVehicleTrips	HW_TTP	41.60	41.50
tblVehicleTrips	ST_TR	4.31	7.60
tblVehicleTrips	SU_TR	3.43	7.60
tblVehicleTrips	WD_TR	4.18	7.60
tblWoodstoves	NumberCatalytic	7.05	0.00
tblWoodstoves	NumberNoncatalytic	7.05	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

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	1.0356	0.0648	1.0680	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8100e-003	1.1200e-003	63.1990
Energy	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	165.7292	165.7292	9.0300e-003	2.6700e-003	166.7514
Mobile	0.2082	0.9047	2.5123	0.0103	1.1524	6.7000e-003	1.1591	0.3085	6.2200e-003	0.3147	0.0000	959.4113	959.4113	0.0463	0.0000	960.5681
Waste						0.0000	0.0000		0.0000	0.0000	13.1660	0.0000	13.1660	0.7781	0.0000	32.6182
Water						0.0000	0.0000		0.0000	0.0000	2.9145	33.3781	36.2926	0.3018	7.5700e-003	46.0924
Total	**1.2494**	**1.0178**	**3.6008**	**0.0110**	**1.1524**	**0.0207**	**1.1731**	**0.3085**	**0.0202**	**0.3287**	**16.0805**	**1,221.3137**	**1,237.3942**	**1.1380**	**0.0114**	**1,269.2291**

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	1.0356	0.0648	1.0680	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8100e-003	1.1200e-003	63.1990
Energy	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	165.7292	165.7292	9.0300e-003	2.6700e-003	166.7514
Mobile	0.2082	0.9047	2.5123	0.0103	1.1524	6.7000e-003	1.1591	0.3085	6.2200e-003	0.3147	0.0000	959.4113	959.4113	0.0463	0.0000	960.5681
Waste						0.0000	0.0000		0.0000	0.0000	13.1660	0.0000	13.1660	0.7781	0.0000	32.6182
Water						0.0000	0.0000		0.0000	0.0000	2.9145	33.3781	36.2926	0.3018	7.5700e-003	46.0924
Total	**1.2494**	**1.0178**	**3.6008**	**0.0110**	**1.1524**	**0.0207**	**1.1731**	**0.3085**	**0.0202**	**0.3287**	**16.0805**	**1,221.3137**	**1,237.3942**	**1.1380**	**0.0114**	**1,269.2291**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2082	0.9047	2.5123	0.0103	1.1524	6.7000e-003	1.1591	0.3085	6.2200e-003	0.3147	0.0000	959.4113	959.4113	0.0463	0.0000	960.5681
Unmitigated	0.2082	0.9047	2.5123	0.0103	1.1524	6.7000e-003	1.1591	0.3085	6.2200e-003	0.3147	0.0000	959.4113	959.4113	0.0463	0.0000	960.5681

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,072.00	1,072.00	1072.00	3,059,605	3,059,605
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	1,072.00	1,072.00	1,072.00	3,059,605	3,059,605

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
Condo/Townhouse High Rise	10.80	7.30	7.50	41.50	19.00	39.50	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
Condo/Townhouse High Rise	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Other Non-Asphalt Surfaces	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782
Parking Lot	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8332	109.8332	7.9600e-003	1.6500e-003	110.5232
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	109.8332	109.8332	7.9600e-003	1.6500e-003	110.5232
NaturalGas Mitigated	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
NaturalGas Unmitigated	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282

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					
Condo/Townhouse High Rise	1.04745e+006	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
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		**5.6500e-003**	**0.0483**	**0.0205**	**3.1000e-004**		**3.9000e-003**	**3.9000e-003**		**3.9000e-003**	**3.9000e-003**	**0.0000**	**55.8961**	**55.8961**	**1.0700e-003**	**1.0200e-003**	**56.2282**

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					
Condo/Townhouse High Rise	1.04745e+006	5.6500e-003	0.0483	0.0205	3.1000e-004		3.9000e-003	3.9000e-003		3.9000e-003	3.9000e-003	0.0000	55.8961	55.8961	1.0700e-003	1.0200e-003	56.2282
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		**5.6500e-003**	**0.0483**	**0.0205**	**3.1000e-004**		**3.9000e-003**	**3.9000e-003**		**3.9000e-003**	**3.9000e-003**	**0.0000**	**55.8961**	**55.8961**	**1.0700e-003**	**1.0200e-003**	**56.2282**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	601307	109.0993	7.9100e-003	1.6400e-003	109.7848
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	4044.6	0.7338	5.0000e-005	1.0000e-005	0.7385
Total		**109.8332**	**7.9600e-003**	**1.6500e-003**	**110.5232**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	601307	109.0993	7.9100e-003	1.6400e-003	109.7848
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	4044.6	0.7338	5.0000e-005	1.0000e-005	0.7385
Total		**109.8332**	**7.9600e-003**	**1.6500e-003**	**110.5232**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0356	0.0648	1.0680	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8100e-003	1.1200e-003	63.1990
Unmitigated	1.0356	0.0648	1.0680	3.9000e-004		0.0101	0.0101		0.0101	0.0101	0.0000	62.7951	62.7951	2.8100e-003	1.1200e-003	63.1990

6.2 Area by SubCategory

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Consumer Products	0.9199					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	6.1700e-003	0.0527	0.0224	3.4000e-004		4.2600e-003	4.2600e-003		4.2600e-003	4.2600e-003	0.0000	61.0822	61.0822	1.1700e-003	1.1200e-003	61.4452
Landscaping	0.0314	0.0121	1.0455	6.0000e-005		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003	0.0000	1.7128	1.7128	1.6400e-003	0.0000	1.7537
Total	**1.0356**	**0.0648**	**1.0680**	**4.0000e-004**		**0.0101**	**0.0101**		**0.0101**	**0.0101**	**0.0000**	**62.7951**	**62.7951**	**2.8100e-003**	**1.1200e-003**	**63.1990**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Consumer Products	0.9199					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0314	0.0121	1.0455	6.0000e-005		5.8100e-003	5.8100e-003		5.8100e-003	5.8100e-003	0.0000	1.7128	1.7128	1.6400e-003	0.0000	1.7537
Total	**1.0356**	**0.0648**	**1.0680**	**4.0000e-004**		**0.0101**	**0.0101**		**0.0101**	**0.0101**	**0.0000**	**62.7951**	**62.7951**	**2.8100e-003**	**1.1200e-003**	**63.1990**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	36.2926	0.3018	7.5700e-003	46.0924
Unmitigated	36.2926	0.3018	7.5700e-003	46.0924

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	9.18672 / 5.79163	36.2926	0.3018	7.5700e-003	46.0924
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		**36.2926**	**0.3018**	**7.5700e-003**	**46.0924**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	9.18672 / 5.79163	36.2926	0.3018	7.5700e-003	46.0924
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		**36.2926**	**0.3018**	**7.5700e-003**	**46.0924**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	13.1660	0.7781	0.0000	32.6182
Unmitigated	13.1660	0.7781	0.0000	32.6182

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	64.86	13.1660	0.7781	0.0000	32.6182
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		**13.1660**	**0.7781**	**0.0000**	**32.6182**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	64.86	13.1660	0.7781	0.0000	32.6182
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		**13.1660**	**0.7781**	**0.0000**	**32.6182**

Moss Street Existing Emissions (2021)

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	41.56	1000sqft	6.90	41,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing emissions modeled using the 2021 operational year to net from 2021 proposed project emissions
CO2 intensity adjusted based on SD Gas and Electric Renewable Energy Portfolio

Land Use - 3 existing general light industrial buildings (15,046 square feet, 20,430 square feet and 6,085 square feet) totaling to 41, 560 square feet as measured by using Google Earth.
Lot Acreage as provided in the Project Description.

Construction Phase - Existing operations run only

Off-road Equipment - Existing operations run only

Off-road Equipment - Operation Only.

Trips and VMT - Existing operations run only

Architectural Coating - Existing operations run only

Vehicle Trips - Adjusted trip generation rates to match existing trips presented in the project-specific Transportation Impact Analysis.
Linscott Law & Greenspan engineers. 2018. Draft Transportation Impact Analysis, 676 Moss Street Chula Vista, California. December 20.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	20,780.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	62,340.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblLandUse	LotAcreage	0.95	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	1.32	2.02
tblVehicleTrips	SU_TR	0.68	2.02
tblVehicleTrips	WD_TR	6.97	2.02

2.0 Emissions Summary

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	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Energy	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	97.0721	97.0721	5.0300e-003	1.4100e-003	97.6182
Mobile	0.0259	0.1157	0.3160	1.0800e-003	0.0924	9.1000e-004	0.0933	0.0247	8.5000e-004	0.0256	0.0000	99.1201	99.1201	5.2400e-003	0.0000	99.2512
Waste						0.0000	0.0000		0.0000	0.0000	10.4601	0.0000	10.4601	0.6182	0.0000	25.9145
Water						0.0000	0.0000		0.0000	0.0000	3.0491	25.8841	28.9331	0.3148	7.7400e-003	39.1085
Total	**0.2390**	**0.1392**	**0.3362**	**1.2200e-003**	**0.0924**	**2.7000e-003**	**0.0951**	**0.0247**	**2.6400e-003**	**0.0274**	**13.5092**	**222.0770**	**235.5862**	**0.9433**	**9.1500e-003**	**261.8931**

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	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Energy	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	97.0721	97.0721	5.0300e-003	1.4100e-003	97.6182
Mobile	0.0259	0.1157	0.3160	1.0800e-003	0.0924	9.1000e-004	0.0933	0.0247	8.5000e-004	0.0256	0.0000	99.1201	99.1201	5.2400e-003	0.0000	99.2512
Waste						0.0000	0.0000		0.0000	0.0000	10.4601	0.0000	10.4601	0.6182	0.0000	25.9145
Water						0.0000	0.0000		0.0000	0.0000	3.0491	25.8841	28.9331	0.3148	7.7400e-003	39.1085
Total	**0.2390**	**0.1392**	**0.3362**	**1.2200e-003**	**0.0924**	**2.7000e-003**	**0.0951**	**0.0247**	**2.6400e-003**	**0.0274**	**13.5092**	**222.0770**	**235.5862**	**0.9433**	**9.1500e-003**	**261.8931**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0259	0.1157	0.3160	1.0800e-003	0.0924	9.1000e-004	0.0933	0.0247	8.5000e-004	0.0256	0.0000	99.1201	99.1201	5.2400e-003	0.0000	99.2512
Unmitigated	0.0259	0.1157	0.3160	1.0800e-003	0.0924	9.1000e-004	0.0933	0.0247	8.5000e-004	0.0256	0.0000	99.1201	99.1201	5.2400e-003	0.0000	99.2512

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	83.95	83.95	83.95	245,096	245,096
Total	83.95	83.95	83.95	245,096	245,096

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	71.4344	71.4344	4.5400e-003	9.4000e-004	71.8280
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	71.4344	71.4344	4.5400e-003	9.4000e-004	71.8280
NaturalGas Mitigated	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901
NaturalGas Unmitigated	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	480434	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901
Total		**2.5900e-003**	**0.0236**	**0.0198**	**1.4000e-004**		**1.7900e-003**	**1.7900e-003**		**1.7900e-003**	**1.7900e-003**	**0.0000**	**25.6378**	**25.6378**	**4.9000e-004**	**4.7000e-004**	**25.7901**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	480434	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901
Total		**2.5900e-003**	**0.0236**	**0.0198**	**1.4000e-004**		**1.7900e-003**	**1.7900e-003**		**1.7900e-003**	**1.7900e-003**	**0.0000**	**25.6378**	**25.6378**	**4.9000e-004**	**4.7000e-004**	**25.7901**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	345364	71.4344	4.5400e-003	9.4000e-004	71.8280
Total		**71.4344**	**4.5400e-003**	**9.4000e-004**	**71.8280**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	345364	71.4344	4.5400e-003	9.4000e-004	71.8280
Total		**71.4344**	**4.5400e-003**	**9.4000e-004**	**71.8280**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Unmitigated	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004

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	0.0482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-005	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Total	**0.2105**	**0.0000**	**3.8000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

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	0.0482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-005	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Total	**0.2105**	**0.0000**	**3.8000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.9331	0.3148	7.7400e-003	39.1085
Unmitigated	28.9331	0.3148	7.7400e-003	39.1085

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	9.61075 / 0	28.9331	0.3148	7.7400e-003	39.1085
Total		**28.9331**	**0.3148**	**7.7400e-003**	**39.1085**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	9.61075 / 0	28.9331	0.3148	7.7400e-003	39.1085
Total		**28.9331**	**0.3148**	**7.7400e-003**	**39.1085**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.4601	0.6182	0.0000	25.9145
Unmitigated	10.4601	0.6182	0.0000	25.9145

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	51.53	10.4601	0.6182	0.0000	25.9145
Total		**10.4601**	**0.6182**	**0.0000**	**25.9145**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	51.53	10.4601	0.6182	0.0000	25.9145
Total		**10.4601**	**0.6182**	**0.0000**	**25.9145**

Moss Street Existing Emissions (2021)

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	41.56	1000sqft	6.90	41,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing emissions modeled using the 2021 operational year to net from 2021 proposed project emissions
CO2 intensity adjusted based on SD Gas and Electric Renewable Energy Portfolio

Land Use - 3 existing general light industrial buildings (15,046 square feet, 20,430 square feet and 6,085 square feet) totaling to 41, 560 square feet as measured by using Google Earth.
Lot Acreage as provided in the Project Description.

Construction Phase - Existing operations run only

Off-road Equipment - Existing operations run only

Off-road Equipment - Operation Only.

Trips and VMT - Existing operations run only

Architectural Coating - Existing operations run only

Vehicle Trips - Adjusted trip generation rates to match existing trips presented in the project-specific Transportation Impact Analysis.
Linscott Law & Greenspan engineers. 2018. Draft Transportation Impact Analysis, 676 Moss Street Chula Vista, California. December 20.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	20,780.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	62,340.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblLandUse	LotAcreage	0.95	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	1.32	2.02
tblVehicleTrips	SU_TR	0.68	2.02
tblVehicleTrips	WD_TR	6.97	2.02

2.0 Emissions Summary

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	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Energy	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Mobile	0.1500	0.6154	1.7899	6.1800e-003	0.5197	5.0100e-003	0.5247	0.1389	4.6900e-003	0.1436		627.1438	627.1438	0.0320		627.9439
Total	**1.3178**	**0.7445**	**1.9026**	**6.9500e-003**	**0.5197**	**0.0148**	**0.5346**	**0.1389**	**0.0145**	**0.1534**		**782.0066**	**782.0066**	**0.0350**	**2.8400e-003**	**783.7275**

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	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Energy	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Mobile	0.1500	0.6154	1.7899	6.1800e-003	0.5197	5.0100e-003	0.5247	0.1389	4.6900e-003	0.1436		627.1438	627.1438	0.0320		627.9439
Total	**1.3178**	**0.7445**	**1.9026**	**6.9500e-003**	**0.5197**	**0.0148**	**0.5346**	**0.1389**	**0.0145**	**0.1534**		**782.0066**	**782.0066**	**0.0350**	**2.8400e-003**	**783.7275**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1500	0.6154	1.7899	6.1800e-003	0.5197	5.0100e-003	0.5247	0.1389	4.6900e-003	0.1436		627.1438	627.1438	0.0320		627.9439
Unmitigated	0.1500	0.6154	1.7899	6.1800e-003	0.5197	5.0100e-003	0.5247	0.1389	4.6900e-003	0.1436		627.1438	627.1438	0.0320		627.9439

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	83.95	83.95	83.95	245,096	245,096
Total	83.95	83.95	83.95	245,096	245,096

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
NaturalGas Unmitigated	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	1316.26	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Total		**0.0142**	**0.1290**	**0.1084**	**7.7000e-004**		**9.8100e-003**	**9.8100e-003**		**9.8100e-003**	**9.8100e-003**		**154.8537**	**154.8537**	**2.9700e-003**	**2.8400e-003**	**155.7739**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	1.31626	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Total		**0.0142**	**0.1290**	**0.1084**	**7.7000e-004**		**9.8100e-003**	**9.8100e-003**		**9.8100e-003**	**9.8100e-003**		**154.8537**	**154.8537**	**2.9700e-003**	**2.8400e-003**	**155.7739**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Unmitigated	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Total	**1.1537**	**4.0000e-005**	**4.2600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**9.1000e-003**	**9.1000e-003**	**2.0000e-005**		**9.7000e-003**

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	0.2639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Total	**1.1537**	**4.0000e-005**	**4.2600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**9.1000e-003**	**9.1000e-003**	**2.0000e-005**		**9.7000e-003**

Moss Street Existing Emissions (2021)

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	41.56	1000sqft	6.90	41,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	456	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing emissions modeled using the 2021 operational year to net from 2021 proposed project emissions
CO2 intensity adjusted based on SD Gas and Electric Renewable Energy Portfolio

Land Use - 3 existing general light industrial buildings (15,046 square feet, 20,430 square feet and 6,085 square feet) totaling to 41, 560 square feet as measured by using Google Earth.
Lot Acreage as provided in the Project Description.

Construction Phase - Existing operations run only

Off-road Equipment - Existing operations run only

Off-road Equipment - Operation Only.

Trips and VMT - Existing operations run only

Architectural Coating - Existing operations run only

Vehicle Trips - Adjusted trip generation rates to match existing trips presented in the project-specific Transportation Impact Analysis.
Linscott Law & Greenspan engineers. 2018. Draft Transportation Impact Analysis, 676 Moss Street Chula Vista, California. December 20.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	20,780.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	62,340.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblLandUse	LotAcreage	0.95	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	456
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	1.32	2.02
tblVehicleTrips	SU_TR	0.68	2.02
tblVehicleTrips	WD_TR	6.97	2.02

2.0 Emissions Summary

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	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Energy	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Mobile	0.1456	0.6338	1.7543	5.8600e-003	0.5197	5.0500e-003	0.5248	0.1389	4.7200e-003	0.1436		594.8315	594.8315	0.0321		595.6334
Total	**1.3135**	**0.7628**	**1.8670**	**6.6300e-003**	**0.5197**	**0.0149**	**0.5346**	**0.1389**	**0.0146**	**0.1535**		**749.6943**	**749.6943**	**0.0351**	**2.8400e-003**	**751.4171**

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	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Energy	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Mobile	0.1456	0.6338	1.7543	5.8600e-003	0.5197	5.0500e-003	0.5248	0.1389	4.7200e-003	0.1436		594.8315	594.8315	0.0321		595.6334
Total	**1.3135**	**0.7628**	**1.8670**	**6.6300e-003**	**0.5197**	**0.0149**	**0.5346**	**0.1389**	**0.0146**	**0.1535**		**749.6943**	**749.6943**	**0.0351**	**2.8400e-003**	**751.4171**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.1456	0.6338	1.7543	5.8600e-003	0.5197	5.0500e-003	0.5248	0.1389	4.7200e-003	0.1436		594.8315	594.8315	0.0321		595.6334
Unmitigated	0.1456	0.6338	1.7543	5.8600e-003	0.5197	5.0500e-003	0.5248	0.1389	4.7200e-003	0.1436		594.8315	594.8315	0.0321		595.6334

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	83.95	83.95	83.95	245,096	245,096
Total	83.95	83.95	83.95	245,096	245,096

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
NaturalGas Unmitigated	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	1316.26	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Total		**0.0142**	**0.1290**	**0.1084**	**7.7000e-004**		**9.8100e-003**	**9.8100e-003**		**9.8100e-003**	**9.8100e-003**		**154.8537**	**154.8537**	**2.9700e-003**	**2.8400e-003**	**155.7739**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	1.31626	0.0142	0.1290	0.1084	7.7000e-004		9.8100e-003	9.8100e-003		9.8100e-003	9.8100e-003		154.8537	154.8537	2.9700e-003	2.8400e-003	155.7739
Total		**0.0142**	**0.1290**	**0.1084**	**7.7000e-004**		**9.8100e-003**	**9.8100e-003**		**9.8100e-003**	**9.8100e-003**		**154.8537**	**154.8537**	**2.9700e-003**	**2.8400e-003**	**155.7739**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Unmitigated	1.1537	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Total	**1.1537**	**4.0000e-005**	**4.2600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**9.1000e-003**	**9.1000e-003**	**2.0000e-005**		**9.7000e-003**

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	0.2639					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8894					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-004	4.0000e-005	4.2600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.1000e-003	9.1000e-003	2.0000e-005		9.7000e-003
Total	**1.1537**	**4.0000e-005**	**4.2600e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**		**9.1000e-003**	**9.1000e-003**	**2.0000e-005**		**9.7000e-003**

Moss Street Existing Emissions (2030)

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	41.56	1000sqft	6.90	41,560.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2030
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	400	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Existing emissions modeled using the 2030 operational year to net from 2030 proposed project emissions
CO2 intensity adjusted based on SD Gas and Electric Renewable Energy Portfolio

Land Use - 3 existing general light industrial buildings (15,046 square feet, 20,430 square feet and 6,085 square feet) totaling to 41, 560 square feet as measured by using Google Earth.
Lot Acreage as provided in the Project Description.

Construction Phase - Existing operations run only

Off-road Equipment - Existing operations run only

Off-road Equipment - Operation Only.

Trips and VMT - Existing operations run only

Architectural Coating - Existing operations run only

Vehicle Trips - Adjusted trip generation rates to match existing trips presented in the project-specific Transportation Impact Analysis.
Linscott Law & Greenspan engineers. 2018. Draft Transportation Impact Analysis, 676 Moss Street Chula Vista, California. December 20.

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	20,780.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	62,340.00	0.00
tblConstructionPhase	NumDays	20.00	0.00
tblLandUse	LotAcreage	0.95	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CO2IntensityFactor	720.49	400
tblTripsAndVMT	WorkerTripNumber	3.00	0.00
tblVehicleTrips	ST_TR	1.32	2.02
tblVehicleTrips	SU_TR	0.68	2.02
tblVehicleTrips	WD_TR	6.97	2.02

2.0 Emissions Summary

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	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Energy	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	88.2995	88.2995	5.0300e-003	1.4100e-003	88.8455
Mobile	0.0165	0.0716	0.2003	8.3000e-004	0.0923	5.4000e-004	0.0929	0.0247	5.0000e-004	0.0252	0.0000	76.7447	76.7447	3.6900e-003	0.0000	76.8370
Waste						0.0000	0.0000		0.0000	0.0000	10.4601	0.0000	10.4601	0.6182	0.0000	25.9145
Water						0.0000	0.0000		0.0000	0.0000	3.0491	22.7053	25.7544	0.3148	7.7400e-003	35.9297
Total	**0.2296**	**0.0952**	**0.2205**	**9.7000e-004**	**0.0923**	**2.3300e-003**	**0.0946**	**0.0247**	**2.2900e-003**	**0.0270**	**13.5092**	**187.7502**	**201.2594**	**0.9417**	**9.1500e-003**	**227.5276**

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	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Energy	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	88.2995	88.2995	5.0300e-003	1.4100e-003	88.8455
Mobile	0.0165	0.0716	0.2003	8.3000e-004	0.0923	5.4000e-004	0.0929	0.0247	5.0000e-004	0.0252	0.0000	76.7447	76.7447	3.6900e-003	0.0000	76.8370
Waste						0.0000	0.0000		0.0000	0.0000	10.4601	0.0000	10.4601	0.6182	0.0000	25.9145
Water						0.0000	0.0000		0.0000	0.0000	3.0491	22.7053	25.7544	0.3148	7.7400e-003	35.9297
Total	**0.2296**	**0.0952**	**0.2205**	**9.7000e-004**	**0.0923**	**2.3300e-003**	**0.0946**	**0.0247**	**2.2900e-003**	**0.0270**	**13.5092**	**187.7502**	**201.2594**	**0.9417**	**9.1500e-003**	**227.5276**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0165	0.0716	0.2003	8.3000e-004	0.0923	5.4000e-004	0.0929	0.0247	5.0000e-004	0.0252	0.0000	76.7447	76.7447	3.6900e-003	0.0000	76.8370
Unmitigated	0.0165	0.0716	0.2003	8.3000e-004	0.0923	5.4000e-004	0.0929	0.0247	5.0000e-004	0.0252	0.0000	76.7447	76.7447	3.6900e-003	0.0000	76.8370

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	83.95	83.95	83.95	245,096	245,096
Total	83.95	83.95	83.95	245,096	245,096

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.616428	0.037185	0.177402	0.097684	0.012090	0.005279	0.017663	0.025476	0.001931	0.001677	0.005617	0.000785	0.000782

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	62.6617	62.6617	4.5400e-003	9.4000e-004	63.0554
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	62.6617	62.6617	4.5400e-003	9.4000e-004	63.0554
NaturalGas Mitigated	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901
NaturalGas Unmitigated	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	480434	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901
Total		**2.5900e-003**	**0.0236**	**0.0198**	**1.4000e-004**		**1.7900e-003**	**1.7900e-003**		**1.7900e-003**	**1.7900e-003**	**0.0000**	**25.6378**	**25.6378**	**4.9000e-004**	**4.7000e-004**	**25.7901**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	480434	2.5900e-003	0.0236	0.0198	1.4000e-004		1.7900e-003	1.7900e-003		1.7900e-003	1.7900e-003	0.0000	25.6378	25.6378	4.9000e-004	4.7000e-004	25.7901
Total		**2.5900e-003**	**0.0236**	**0.0198**	**1.4000e-004**		**1.7900e-003**	**1.7900e-003**		**1.7900e-003**	**1.7900e-003**	**0.0000**	**25.6378**	**25.6378**	**4.9000e-004**	**4.7000e-004**	**25.7901**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	345364	62.6617	4.5400e-003	9.4000e-004	63.0554
Total		**62.6617**	**4.5400e-003**	**9.4000e-004**	**63.0554**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	345364	62.6617	4.5400e-003	9.4000e-004	63.0554
Total		**62.6617**	**4.5400e-003**	**9.4000e-004**	**63.0554**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Unmitigated	0.2105	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004

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	0.0482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Total	**0.2105**	**0.0000**	**3.8000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

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	0.0482					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1623					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.0000e-005	0.0000	3.8000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.4000e-004	7.4000e-004	0.0000	0.0000	7.9000e-004
Total	**0.2105**	**0.0000**	**3.8000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.4000e-004**	**7.4000e-004**	**0.0000**	**0.0000**	**7.9000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	25.7544	0.3148	7.7400e-003	35.9297
Unmitigated	25.7544	0.3148	7.7400e-003	35.9297

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	9.61075 / 0	25.7544	0.3148	7.7400e-003	35.9297
Total		**25.7544**	**0.3148**	**7.7400e-003**	**35.9297**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	9.61075 / 0	25.7544	0.3148	7.7400e-003	35.9297
Total		**25.7544**	**0.3148**	**7.7400e-003**	**35.9297**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.4601	0.6182	0.0000	25.9145
Unmitigated	10.4601	0.6182	0.0000	25.9145

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	51.53	10.4601	0.6182	0.0000	25.9145
Total		**10.4601**	**0.6182**	**0.0000**	**25.9145**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	51.53	10.4601	0.6182	0.0000	25.9145
Total		**10.4601**	**0.6182**	**0.0000**	**25.9145**

Current General Plan Designation Buildout (Industrial Park) - Annual VMT

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Industrial Park	150.28	1000sqft	6.90	150,282.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Current General Plan Designation Buildout (Industrial Park) - Annual Vehicle Miles Traveled

Land Use - Existing site size = 6.9 acres; maximum building area = 150,282 sqft

Construction Phase - Operational run only

Off-road Equipment - Operational run only

Vehicle Trips - ITE Trip Generation Manual, 10th Edition, for Industrial Park land use (ITE code #130).

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblLandUse	LandUseSquareFeet	150,280.00	150,282.00
tblLandUse	LotAcreage	3.45	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblVehicleTrips	ST_TR	2.49	2.54
tblVehicleTrips	SU_TR	0.73	1.24
tblVehicleTrips	WD_TR	6.83	3.37

2.0 Emissions Summary

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	0.7612	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6900e-003	2.6900e-003	1.0000e-005	0.0000	2.8600e-003
Energy	0.0164	0.1487	0.1249	8.9000e-004		0.0113	0.0113		0.0113	0.0113	0.0000	822.0012	822.0012	0.0297	8.4700e-003	825.2657
Mobile	0.1305	0.5725	1.5353	5.1300e-003	0.4376	4.3800e-003	0.4420	0.1172	4.0900e-003	0.1213	0.0000	472.5869	472.5869	0.0254	0.0000	473.2216
Waste						0.0000	0.0000		0.0000	0.0000	37.8274	0.0000	37.8274	2.2355	0.0000	93.7157
Water						0.0000	0.0000		0.0000	0.0000	11.0253	147.8839	158.9092	1.1384	0.0280	195.7031
Total	**0.9080**	**0.7212**	**1.6616**	**6.0200e-003**	**0.4376**	**0.0157**	**0.4533**	**0.1172**	**0.0154**	**0.1326**	**48.8527**	**1,442.4747**	**1,491.3274**	**3.4290**	**0.0364**	**1,587.9091**

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	0.7612	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6900e-003	2.6900e-003	1.0000e-005	0.0000	2.8600e-003
Energy	0.0164	0.1487	0.1249	8.9000e-004		0.0113	0.0113		0.0113	0.0113	0.0000	822.0012	822.0012	0.0297	8.4700e-003	825.2657
Mobile	0.1305	0.5725	1.5353	5.1300e-003	0.4376	4.3800e-003	0.4420	0.1172	4.0900e-003	0.1213	0.0000	472.5869	472.5869	0.0254	0.0000	473.2216
Waste						0.0000	0.0000		0.0000	0.0000	37.8274	0.0000	37.8274	2.2355	0.0000	93.7157
Water						0.0000	0.0000		0.0000	0.0000	11.0253	147.8839	158.9092	1.1384	0.0280	195.7031
Total	**0.9080**	**0.7212**	**1.6616**	**6.0200e-003**	**0.4376**	**0.0157**	**0.4533**	**0.1172**	**0.0154**	**0.1326**	**48.8527**	**1,442.4747**	**1,491.3274**	**3.4290**	**0.0364**	**1,587.9091**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.1305	0.5725	1.5353	5.1300e-003	0.4376	4.3800e-003	0.4420	0.1172	4.0900e-003	0.1213	0.0000	472.5869	472.5869	0.0254	0.0000	473.2216
Unmitigated	0.1305	0.5725	1.5353	5.1300e-003	0.4376	4.3800e-003	0.4420	0.1172	4.0900e-003	0.1213	0.0000	472.5869	472.5869	0.0254	0.0000	473.2216

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Industrial Park	506.44	381.71	186.35	1,161,199	1,161,199
Total	506.44	381.71	186.35	1,161,199	1,161,199

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
Industrial Park	9.50	7.30	7.30	59.00	28.00	13.00	79	19	2

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Industrial Park	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

Current General Plan Designation Buildout (Light Industrial) - Annual VMT

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	150.28	1000sqft	6.90	150,282.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Current General Plan Designation Buildout (Light Industrial) - Annual Vehicle Miles Traveled

Land Use - Existing site size = 6.9 acres; maximum building area = 150,282 sqft

Construction Phase - Operational run only

Vehicle Trips - ITE Trip Generation Manual, 10th Edition, for General Light Industrial land use (ITE code #110).

Off-road Equipment - Operational run only

Trips and VMT - Operational run only

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblLandUse	LandUseSquareFeet	150,280.00	150,282.00
tblLandUse	LotAcreage	3.45	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblVehicleTrips	ST_TR	1.32	1.99
tblVehicleTrips	SU_TR	0.68	5.00
tblVehicleTrips	WD_TR	6.97	4.96

2.0 Emissions Summary

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	0.7612	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6900e-003	2.6900e-003	1.0000e-005	0.0000	2.8600e-003
Energy	9.3700e-003	0.0852	0.0715	5.1000e-004		6.4700e-003	6.4700e-003		6.4700e-003	6.4700e-003	0.0000	500.8398	500.8398	0.0182	5.1000e-003	502.8142
Mobile	0.2104	0.9403	2.5690	8.7400e-003	0.7509	7.4300e-003	0.7583	0.2011	6.9500e-003	0.2080	0.0000	805.8024	805.8024	0.0426	0.0000	806.8682
Waste						0.0000	0.0000		0.0000	0.0000	37.8274	0.0000	37.8274	2.2355	0.0000	93.7157
Water						0.0000	0.0000		0.0000	0.0000	11.0253	147.8839	158.9092	1.1384	0.0280	195.7031
Total	**0.9810**	**1.0255**	**2.6419**	**9.2500e-003**	**0.7509**	**0.0139**	**0.7648**	**0.2011**	**0.0134**	**0.2145**	**48.8527**	**1,454.5288**	**1,503.3815**	**3.4347**	**0.0331**	**1,599.1041**

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	0.7612	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6900e-003	2.6900e-003	1.0000e-005	0.0000	2.8600e-003
Energy	9.3700e-003	0.0852	0.0715	5.1000e-004		6.4700e-003	6.4700e-003		6.4700e-003	6.4700e-003	0.0000	500.8398	500.8398	0.0182	5.1000e-003	502.8142
Mobile	0.2104	0.9403	2.5690	8.7400e-003	0.7509	7.4300e-003	0.7583	0.2011	6.9500e-003	0.2080	0.0000	805.8024	805.8024	0.0426	0.0000	806.8682
Waste						0.0000	0.0000		0.0000	0.0000	37.8274	0.0000	37.8274	2.2355	0.0000	93.7157
Water						0.0000	0.0000		0.0000	0.0000	11.0253	147.8839	158.9092	1.1384	0.0280	195.7031
Total	**0.9810**	**1.0255**	**2.6419**	**9.2500e-003**	**0.7509**	**0.0139**	**0.7648**	**0.2011**	**0.0134**	**0.2145**	**48.8527**	**1,454.5288**	**1,503.3815**	**3.4347**	**0.0331**	**1,599.1041**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2104	0.9403	2.5690	8.7400e-003	0.7509	7.4300e-003	0.7583	0.2011	6.9500e-003	0.2080	0.0000	805.8024	805.8024	0.0426	0.0000	806.8682
Unmitigated	0.2104	0.9403	2.5690	8.7400e-003	0.7509	7.4300e-003	0.7583	0.2011	6.9500e-003	0.2080	0.0000	805.8024	805.8024	0.0426	0.0000	806.8682

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	745.39	299.06	751.40	1,992,525	1,992,525
Total	745.39	299.06	751.40	1,992,525	1,992,525

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

Current General Plan Designation Buildout (TIA Rate) - Annual VMT

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	150.28	1000sqft	6.90	150,282.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2021
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	720.49	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Current General Plan Designation Buildout (TIA storage rate for existing land use applied to buildout under the current general plan land use designation scenario) - Annual Vehicle Miles Traveled

Land Use - Existing site size = 6.9 acres; maximum building area = 150,282 sqft

Construction Phase - Operational run only

Off-road Equipment - Operational run only

Trips and VMT - Operational run only

Vehicle Trips - Trip generation estimates presented in the TIA prepared for the project by LLG for the existing land use (represented in the TIA as storage) applied to the buildout under the current general plan land use designation scenario.

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	1.00
tblLandUse	LandUseSquareFeet	150,280.00	150,282.00
tblLandUse	LotAcreage	3.45	6.90
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00
tblVehicleTrips	ST_TR	1.32	2.00

tblVehicleTrips	SU_TR	0.68	2.00
tblVehicleTrips	WD_TR	6.97	2.00

2.0 Emissions Summary

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	0.7612	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6900e-003	2.6900e-003	1.0000e-005	0.0000	2.8600e-003
Energy	9.3700e-003	0.0852	0.0715	5.1000e-004		6.4700e-003	6.4700e-003		6.4700e-003	6.4700e-003	0.0000	500.8398	500.8398	0.0182	5.1000e-003	502.8142
Mobile	0.0927	0.4141	1.1314	3.8500e-003	0.3307	3.2700e-003	0.3340	0.0886	3.0600e-003	0.0916	0.0000	354.8674	354.8674	0.0188	0.0000	355.3367
Waste						0.0000	0.0000		0.0000	0.0000	37.8274	0.0000	37.8274	2.2355	0.0000	93.7157
Water						0.0000	0.0000		0.0000	0.0000	11.0253	147.8839	158.9092	1.1384	0.0280	195.7031
Total	**0.8632**	**0.4993**	**1.2043**	**4.3600e-003**	**0.3307**	**9.7400e-003**	**0.3404**	**0.0886**	**9.5300e-003**	**0.0981**	**48.8527**	**1,003.5938**	**1,052.4464**	**3.4109**	**0.0331**	**1,147.5726**

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	0.7612	1.0000e-005	1.3900e-003	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	2.6900e-003	2.6900e-003	1.0000e-005	0.0000	2.8600e-003
Energy	9.3700e-003	0.0852	0.0715	5.1000e-004		6.4700e-003	6.4700e-003		6.4700e-003	6.4700e-003	0.0000	500.8398	500.8398	0.0182	5.1000e-003	502.8142
Mobile	0.0927	0.4141	1.1314	3.8500e-003	0.3307	3.2700e-003	0.3340	0.0886	3.0600e-003	0.0916	0.0000	354.8674	354.8674	0.0188	0.0000	355.3367
Waste						0.0000	0.0000		0.0000	0.0000	37.8274	0.0000	37.8274	2.2355	0.0000	93.7157
Water						0.0000	0.0000		0.0000	0.0000	11.0253	147.8839	158.9092	1.1384	0.0280	195.7031
Total	**0.8632**	**0.4993**	**1.2043**	**4.3600e-003**	**0.3307**	**9.7400e-003**	**0.3404**	**0.0886**	**9.5300e-003**	**0.0981**	**48.8527**	**1,003.5938**	**1,052.4464**	**3.4109**	**0.0331**	**1,147.5726**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0927	0.4141	1.1314	3.8500e-003	0.3307	3.2700e-003	0.3340	0.0886	3.0600e-003	0.0916	0.0000	354.8674	354.8674	0.0188	0.0000	355.3367
Unmitigated	0.0927	0.4141	1.1314	3.8500e-003	0.3307	3.2700e-003	0.3340	0.0886	3.0600e-003	0.0916	0.0000	354.8674	354.8674	0.0188	0.0000	355.3367

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	300.56	300.56	300.56	877,488	877,488
Total	300.56	300.56	300.56	877,488	877,488

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	9.50	7.30	7.30	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.593936	0.041843	0.182569	0.108325	0.016436	0.005513	0.015940	0.023523	0.001912	0.001972	0.006090	0.000748	0.001193

Moss Street

No Mitigation

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2019**	
	8 hours/day	
	5 days/week	
	18 weeks/year	start from 9/1/2019
	720 hours/year	

Onsite Construction Area Source Size (m2): 27603.9 from AERMOD

Onsite Construction PM10 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)**
	Demolistion	2.690E-02	9.423E-03	3.414E-07
	Grading	2.100E-02	7.356E-03	2.665E-07
	Building Construction	1.740E-02	6.095E-03	2.208E-07
	Total	**6.530E-02**	**2.288E-02**	**8.287E-07**

Offsite Construction Vehicle PM10 Emissions

2019		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	
	Demolistion	1.100E-04	0.000E+00	1.000E-05	
	Grading	1.790E-03	0.000E+00	1.000E-05	
	Building Construction	0.000E+00	4.700E-04	1.300E-04	
	Total (tons/year)	**1.900E-03**	**4.700E-04**	**1.500E-04**	**2.520E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Along Roadway Segment Project>I5 (mi)	0.21	0.21	0.21	
	Offsite Project Emissions Along Roadway Segment Project>I-5 (tons/year)	**1.012E-05**	**6.859E-06**	**1.480E-06**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	1.846E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**6.467E-06**

Onsite Exhaust Emissions (tons/year)	6.530E-02
Total Onsite Emissions (tons/year)	6.530E-02
Onsite Exhaust Emissions (g/m2-sec)	**8.287E-07**

Total PM@10 Exhaust (tons/year)	6.532E-02

Moss Street

No Mitigation

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling **2020**

8	hours/day
5	days/week
48	weeks/year
1920	hours/year

Onsite Construction Area Source Size (m2): 27603.90

Onsite Construction PM10 Emissions

2020 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	1.134E-01	1.490E-02	5.397E-07
Paving	7.530E-03	9.892E-04	3.583E-08
Architectural Coating	1.660E-03	2.181E-04	7.900E-09
Total	**1.226E-01**	**1.610E-02**	**5.834E-07**

Offsite Construction Vehicle PM10 Emissions

2020 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	2.260E-03	9.700E-04	
Paving	0.000E+00	0.000E+00	1.000E-05	
Architectural Coating	0.000E+00	0.000E+00	3.000E-05	
Total (tons/year)	**0.000E+00**	**2.260E-03**	**1.010E-03**	**3.270E-03**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Project>I5 (mi)	0.21	0.21	0.21	
Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**6.597E-05**	**1.993E-05**	

0

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**8.589E-05**
Offsite Project Exhaust Emissions (grams/sec)	**1.128E-05**

Onsite Exhaust Emissions (tons/year)	**1.226E-01**
Total Onsite Emissions (tons/year)	**1.226E-01**
Onsite Exhaust Emissions (g/m2-sec)	**5.834E-07**

Total PM@10 Exhaust (tons/year)	1.227E-01
Total PM10 (tons/year)	**1.227E-01**

*	AERMOD (1808	1): C:\Users\x	li\Desktop\34	26.0024 Mos	s Street\	constru	ction HR	
*	AERMET (1413	4):						
*	MODELING OPTI	ONS USED: Re	gDFAULT CONC	ELEV URB	AN			
*	PLOT	FILE OF ANNUAL	VALUES AVERA	GED ACROSS	5 YEARS	FOR SO	URCE GRO	
*	FOR A	TOTAL OF 38	9 RECEPTORS.					
*	FORMA	T: (3(1X,F13.5	),3(1X,F8.2),	2X,A6,2X,A8	,2X,I8.8,	2X,A8)		
*	X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	
*	_____	_____	_____	_____	_____	_____	_____	
	491856.94	3608423.76	631633.5918	9.85	9.85	0	ANNUAL	
	491770.82	3608296.56	83768.45212	8.75	8.75	0	ANNUAL	
	491786.69	3608300.4	169029.1196	8.95	8.95	0	ANNUAL	
	491777.07	3608270.58	37629.84601	8.83	8.83	0	ANNUAL	
	491794.39	3608275.87	71537.09153	9.05	9.05	0	ANNUAL	
	491789.88	3608254.44	30952.91267	8.99	8.99	0	ANNUAL	
	491793.88	3608239.79	22440.86907	9.04	9.04	0	ANNUAL	
	491796.54	3608225.81	16889.37505	9.08	9.08	0	ANNUAL	
	491799.2	3608213.16	13520.08898	9.11	9.11	0	ANNUAL	
	491804.53	3608198.51	11109.97723	9.18	9.18	0	ANNUAL	
	491835.16	3608317.03	396533.5888	9.57	9.57	0	ANNUAL	
	491837.82	3608303.71	271820.1418	9.6	9.6	0	ANNUAL	
	491843.81	3608287.73	172647.9047	9.68	9.68	0	ANNUAL	
	491851.14	3608274.41	123009.1203	9.78	9.78	0	ANNUAL	
	491863.07	3608247.22	66875.79104	9.93	9.93	0	ANNUAL	
	491867.68	3608231.55	48552.36905	9.99	9.99	0	ANNUAL	
	491875.05	3608218.65	39141.4192	10.08	10.08	0	ANNUAL	
	491878.74	3608195.61	25762.88386	10.13	10.13	0	ANNUAL	
	491885.19	3608177.18	19590.4194	10.21	10.21	0	ANNUAL	
	491807.78	3608183.63	8991.73281	9.22	9.22	0	ANNUAL	
	491812.39	3608167.97	7461.70142	9.28	9.28	0	ANNUAL	
	491819.76	3608146.77	6015.00085	9.36	9.36	0	ANNUAL	
	491840.03	3608155.06	8586.85941	9.63	9.63	0	ANNUAL	
	491868.6	3608170.73	15061.64567	10	10	0	ANNUAL	
	491865.26	3608414.36	589528.9513	9.95	9.95	0	ANNUAL	
	491867.52	3608403.04	603276.5021	9.98	9.98	0	ANNUAL	
	491872.05	3608392.29	591456.4074	10.04	10.04	0	ANNUAL	
	491874.88	3608377.58	597304.6585	10.08	10.08	0	ANNUAL	
	491886.76	3608431.91	388718.8886	10.23	10.23	0	ANNUAL	
	491890.73	3608422.29	390103.9893	10.28	10.28	0	ANNUAL	
	491896.39	3608409.84	385911.6877	10.35	10.35	0	ANNUAL	
	491900.35	3608397.38	386378.606	10.4	10.4	0	ANNUAL	
	491903.74	3608384.93	384883.2425	10.45	10.45	0	ANNUAL	
	491912.8	3608444.92	257671.8221	10.56	10.56	0	ANNUAL	
	491917.89	3608432.47	263360.5712	10.63	10.63	0	ANNUAL	
	491921.29	3608418.89	272794.7326	10.67	10.67	0	ANNUAL	
	491926.95	3608408.14	268804.5308	10.74	10.74	0	ANNUAL	
	491930.91	3608396.25	268530.5384	10.79	10.79	0	ANNUAL	
	491950.72	3608425.12	194646.6309	11.05	11.05	0	ANNUAL	

491954.11	3608416.06	196618.6307	11.09	11.09	0	ANNUAL
491959.21	3608404.74	195737.5449	11.16	11.16	0	ANNUAL
491984.11	3608467.56	110109.8527	11.47	11.47	0	ANNUAL
491987.5	3608453.98	118307.1477	11.52	11.52	0	ANNUAL
491993.16	3608442.66	121481.4834	11.59	11.59	0	ANNUAL
491998.26	3608432.47	123421.6186	11.66	11.66	0	ANNUAL
492002.22	3608421.15	126246.5201	11.71	11.71	0	ANNUAL
492012.41	3608475.49	83621.49564	11.84	11.84	0	ANNUAL
492015.24	3608463.6	89538.12932	11.87	11.87	0	ANNUAL
492020.9	3608451.15	93343.85437	11.94	11.94	0	ANNUAL
492024.29	3608441.53	96373.73261	11.99	11.99	0	ANNUAL
492028.25	3608428.51	100102.7559	12.04	12.04	0	ANNUAL
492037.31	3608486.24	64997.07485	12.15	12.15	0	ANNUAL
492042.4	3608472.09	70003.93619	12.22	12.22	0	ANNUAL
492046.36	3608461.34	73396.40947	12.27	12.27	0	ANNUAL
492050.89	3608450.58	76111.04301	12.33	12.33	0	ANNUAL
492055.42	3608440.4	78120.56521	12.39	12.39	0	ANNUAL
492065.61	3608493.6	51730.61634	12.52	12.52	0	ANNUAL
492069	3608481.15	55673.63012	12.56	12.56	0	ANNUAL
492075.23	3608469.26	58198.33458	12.64	12.64	0	ANNUAL
492078.06	3608457.38	61580.37877	12.68	12.68	0	ANNUAL
492082.59	3608446.62	63614.62687	12.73	12.73	0	ANNUAL
491873.18	3608334.56	510026.4393	10.06	10.06	0	ANNUAL
491929.78	3608349.84	275582.9614	10.78	10.78	0	ANNUAL
491879.97	3608317.02	336657.7205	10.14	10.14	0	ANNUAL
491893.22	3608305.33	244539.0944	10.31	10.31	0	ANNUAL
491889.89	3608289.35	180966.3293	10.27	10.27	0	ANNUAL
491907.21	3608277.37	138377.9598	10.49	10.49	0	ANNUAL
491909.87	3608246.74	79154.74331	10.53	10.53	0	ANNUAL
491914.53	3608232.76	62103.64315	10.59	10.59	0	ANNUAL
491920.52	3608219.44	50060.99609	10.66	10.66	0	ANNUAL
491923.85	3608203.46	38703.0525	10.71	10.71	0	ANNUAL
491922.52	3608187.48	29639.67512	10.69	10.69	0	ANNUAL
491933.84	3608176.16	26152.75972	10.83	10.83	0	ANNUAL
491936.5	3608332.63	234523.5732	10.87	10.87	0	ANNUAL
491945.82	3608306.66	173169.8634	10.99	10.99	0	ANNUAL
491948.49	3608292.02	145064.0697	11.02	11.02	0	ANNUAL
491954.48	3608266.71	103224.5835	11.1	11.1	0	ANNUAL
491965.8	3608249.4	80108.96105	11.24	11.24	0	ANNUAL
491959.81	3608230.76	62686.59318	11.17	11.17	0	ANNUAL
491973.12	3608219.44	53627.38352	11.34	11.34	0	ANNUAL
491965.13	3608198.8	40196.10183	11.23	11.23	0	ANNUAL
491987.11	3608190.14	36888.98902	11.52	11.52	0	ANNUAL
491975.79	3608366.59	178873.4984	11.37	11.37	0	ANNUAL
491980.45	3608353.27	169371.4764	11.43	11.43	0	ANNUAL
491988.44	3608337.29	152041.2074	11.53	11.53	0	ANNUAL
491991.77	3608319.32	136973.1522	11.57	11.57	0	ANNUAL

492001.09	3608294.68	110325.6905	11.69	11.69	0	ANNUAL
492006.41	3608282.03	97363.99563	11.76	11.76	0	ANNUAL
492013.07	3608266.05	82663.1572	11.85	11.85	0	ANNUAL
492013.07	3608251.4	72289.32148	11.85	11.85	0	ANNUAL
492028.39	3608241.41	62887.85268	12.04	12.04	0	ANNUAL
492019.07	3608222.77	53476.99655	11.92	11.92	0	ANNUAL
492045.7	3608210.78	45452.49661	12.26	12.26	0	ANNUAL
492031.05	3608385.23	112727.5006	12.08	12.08	0	ANNUAL
492035.71	3608369.92	110781.352	12.14	12.14	0	ANNUAL
492027.06	3608353.27	117475.215	12.02	12.02	0	ANNUAL
492046.36	3608339.96	100944.5021	12.27	12.27	0	ANNUAL
492040.37	3608324.64	101087.0358	12.2	12.2	0	ANNUAL
492057.02	3608313.32	87983.27103	12.41	12.41	0	ANNUAL
492055.69	3608297.34	82983.20924	12.39	12.39	0	ANNUAL
492059.02	3608282.03	75410.62761	12.43	12.43	0	ANNUAL
492069.67	3608270.04	67070.83152	12.57	12.57	0	ANNUAL
492061.68	3608253.4	62148.13063	12.47	12.47	0	ANNUAL
492078.32	3608241.41	53934.29894	12.68	12.68	0	ANNUAL
492079.66	3608226.76	48297.83936	12.7	12.7	0	ANNUAL
492069.51	3608395.3	84466.80709	12.57	12.57	0	ANNUAL
492076.17	3608375.99	83704.79149	12.65	12.65	0	ANNUAL
492085.49	3608364.01	79670.90896	12.77	12.77	0	ANNUAL
492102.14	3608406.62	66659.39687	12.98	12.98	0	ANNUAL
492129.44	3608410.61	56135.98193	13.33	13.33	0	ANNUAL
492095.48	3608352.69	75074.61459	12.9	12.9	0	ANNUAL
492094.15	3608336.04	74769.00478	12.88	12.88	0	ANNUAL
492135.43	3608348.69	59822.0277	13.41	13.41	0	ANNUAL
492101.47	3608312.74	68685.98252	12.98	12.98	0	ANNUAL
492120.78	3608244.15	47515.56367	13.22	13.22	0	ANNUAL
492106.8	3608297.42	63920.32042	13.04	13.04	0	ANNUAL
492168.06	3608256.14	42321.71042	13.83	13.83	0	ANNUAL
491832.47	3608106.99	4180.27461	9.09	9.09	0	ANNUAL
491853.78	3608116.31	5792.22388	9.46	9.46	0	ANNUAL
491874.42	3608123.64	7782.89246	9.83	9.83	0	ANNUAL
491899.72	3608128.96	10460.46231	10.27	10.27	0	ANNUAL
491836.47	3608093.01	3710.77936	8.99	8.99	0	ANNUAL
491877.09	3608106.33	6350.14878	9.7	9.7	0	ANNUAL
491905.05	3608118.98	9510.661	10.3	10.3	0	ANNUAL
491907.71	3608101.66	7734.16153	10.25	10.25	0	ANNUAL
491883.74	3608091.01	5569.59303	9.69	9.69	0	ANNUAL
491848.45	3608065.04	3079.74148	8.84	8.84	0	ANNUAL
491853.12	3608053.06	2845.00857	8.8	8.8	0	ANNUAL
491873.09	3608063.05	3716.66742	9.19	9.19	0	ANNUAL
491909.71	3608072.37	5512.02895	10.14	10.14	0	ANNUAL
491921.03	3608059.05	5157.77157	10.35	10.35	0	ANNUAL
491925.69	3608040.41	4365.67123	10.34	10.34	0	ANNUAL
491856.44	3608031.75	2391.11038	8.85	8.85	0	ANNUAL

491867.1	3608010.44	2147.01462	8.98	8.98	0	ANNUAL
491875.09	3607976.49	1718.34971	9.1	9.1	0	ANNUAL
491918.37	3607991.8	2607.50294	9.83	9.83	0	ANNUAL
491945	3608000.46	3347.42556	10.37	10.37	0	ANNUAL
491935.09	3608141.53	15811.72963	10.84	10.84	0	ANNUAL
491960.9	3608152.59	20885.93528	11.18	11.18	0	ANNUAL
491988.54	3608164.57	26680.53337	11.53	11.53	0	ANNUAL
491946.15	3608114.81	11726.3336	10.99	10.99	0	ANNUAL
491988.54	3608129.55	17191.33706	11.53	11.53	0	ANNUAL
492018.04	3608107.44	14609.94337	11.91	11.91	0	ANNUAL
491955.37	3608089	8955.75981	11.11	11.11	0	ANNUAL
491963.66	3608059.51	6685.43509	11.22	11.22	0	ANNUAL
491984.86	3608059.51	7477.34499	11.49	11.49	0	ANNUAL
492031.86	3608066.89	9871.96109	12.09	12.09	0	ANNUAL
492020.8	3608040.16	7216.79234	11.78	11.78	0	ANNUAL
491977.49	3608027.26	5172.79373	11.08	11.08	0	ANNUAL
491983.94	3608007.9	4445.64427	10.96	10.96	0	ANNUAL
492044.76	3608018.04	6426.81543	11.84	11.84	0	ANNUAL
492048.45	3608001.45	5605.04851	11.71	11.71	0	ANNUAL
491999.6	3607989.47	4066.56556	10.96	10.96	0	ANNUAL
492038.31	3608171.95	30870.0028	12.17	12.17	0	ANNUAL
492047.53	3608155.36	26046.82328	12.29	12.29	0	ANNUAL
492086.23	3608187.61	34800.01113	12.78	12.78	0	ANNUAL
492095.45	3608171.03	29921.10786	12.9	12.9	0	ANNUAL
492053.98	3608123.1	18782.21306	12.37	12.37	0	ANNUAL
492109.27	3608145.22	23826.16581	13.08	13.08	0	ANNUAL
492058.59	3608100.06	14968.14869	12.43	12.43	0	ANNUAL
492123.1	3608113.89	18276.37331	13.26	13.26	0	ANNUAL
492135.08	3608094.53	15629.64783	13.41	13.41	0	ANNUAL
492076.1	3608065.04	11034.36032	12.65	12.65	0	ANNUAL
492085.31	3608030.02	8189.43118	12.49	12.49	0	ANNUAL
492139.69	3608065.96	12391.12724	13.47	13.47	0	ANNUAL
492139.69	3608212.5	37320.35401	13.47	13.47	0	ANNUAL
492183.92	3608227.24	35481.27135	14.03	14.03	0	ANNUAL
492143.37	3608192.22	32542.94347	13.51	13.51	0	ANNUAL
492194.98	3608204.2	30785.83068	14.17	14.17	0	ANNUAL
492203.28	3608183.01	27032.74153	14.28	14.28	0	ANNUAL
492151.67	3608153.52	24592.58173	13.62	13.62	0	ANNUAL
492197.75	3608162.73	24382.24963	14.21	14.21	0	ANNUAL
492159.04	3608135.08	21371.48879	13.71	13.71	0	ANNUAL
492164.57	3608118.49	18861.03342	13.79	13.79	0	ANNUAL
492219.86	3608141.53	20767.73595	14.49	14.49	0	ANNUAL
492223.55	3608114.81	17605.82478	14.54	14.54	0	ANNUAL
492231.84	3608098.22	15772.55758	14.65	14.65	0	ANNUAL
492170.1	3608097.3	16098.24566	13.86	13.86	0	ANNUAL
492180.24	3608077.94	13955.35376	13.99	13.99	0	ANNUAL
492183.92	3608055.83	11864.67278	14.03	14.03	0	ANNUAL

492218.94	3608068.73	13103.09219	14.48	14.48	0	ANNUAL
492246.59	3608230.01	29459.61125	14.83	14.83	0	ANNUAL
492239.22	3608207.89	27744.96499	14.74	14.74	0	ANNUAL
492241.98	3608194.07	25986.19077	14.77	14.77	0	ANNUAL
492246.59	3608176.56	23745.69812	14.83	14.83	0	ANNUAL
492257.65	3608163.65	21811.33647	14.98	14.98	0	ANNUAL
492261.34	3608145.22	19794.15036	15.02	15.02	0	ANNUAL
492266.87	3608124.02	17592.10804	15.09	15.09	0	ANNUAL
492272.39	3608108.36	16065.59041	15.16	15.16	0	ANNUAL
492277.92	3608094.53	14809.70621	15.24	15.24	0	ANNUAL
492285.3	3608081.63	13701.00363	15.33	15.33	0	ANNUAL
491685.34	3608168.26	1905.1755	7.66	7.66	0	ANNUAL
491689.95	3608145.22	1616.14261	7.68	7.68	0	ANNUAL
491694.56	3608131.4	1490.70102	7.59	7.59	0	ANNUAL
491698.24	3608118.49	1381.51988	7.49	7.49	0	ANNUAL
491701.01	3608105.59	1277.01571	7.39	7.39	0	ANNUAL
491703.77	3608093.61	1191.86472	7.3	7.3	0	ANNUAL
491707.46	3608079.79	1107.7138	7.19	7.19	0	ANNUAL
491713.91	3608070.57	1083.94065	7.18	7.18	0	ANNUAL
491715.75	3608058.59	1012.41747	7.07	7.07	0	ANNUAL
491720.36	3608046.61	964.20218	7.11	7.11	0	ANNUAL
491732.34	3608014.36	849.87505	7.26	7.26	0	ANNUAL
491735.11	3608002.37	804.64468	7.29	7.29	0	ANNUAL
491735.11	3607991.32	754.55705	7.29	7.29	0	ANNUAL
491744.32	3607980.26	748.06203	7.41	7.41	0	ANNUAL
491747.09	3607967.35	707.05832	7.45	7.45	0	ANNUAL
491755.38	3607954.45	690.7191	7.55	7.55	0	ANNUAL
491759.07	3607939.71	651.23376	7.6	7.6	0	ANNUAL
491636.5	3608156.28	1317.55011	7.03	7.03	0	ANNUAL
491618.06	3608148.91	1155.56399	6.8	6.8	0	ANNUAL
491598.71	3608143.38	1035.22776	6.49	6.49	0	ANNUAL
491579.36	3608134.16	915.03025	6.14	6.14	0	ANNUAL
491565.53	3608132.32	865.75646	5.95	5.95	0	ANNUAL
491548.94	3608123.1	781.22765	5.63	5.63	0	ANNUAL
491654.01	3608119.42	1093.05063	6.94	6.94	0	ANNUAL
491663.22	3608133.24	1261.55124	7.21	7.21	0	ANNUAL
491657.69	3608106.51	1016.55434	6.85	6.85	0	ANNUAL
491663.22	3608094.53	961.6658	6.79	6.79	0	ANNUAL
491674.28	3608094.53	1013.91396	6.93	6.93	0	ANNUAL
491681.65	3608086.24	996.05117	6.93	6.93	0	ANNUAL
491686.26	3608072.42	932.10878	6.84	6.84	0	ANNUAL
491663.22	3608078.87	868.71747	6.62	6.62	0	ANNUAL
491671.52	3608072.42	865.98489	6.65	6.65	0	ANNUAL
491676.12	3608058.59	812.08348	6.56	6.56	0	ANNUAL
491678.89	3608048.45	773.86256	6.57	6.57	0	ANNUAL
491690.87	3608053.98	850.17689	6.73	6.73	0	ANNUAL
491695.48	3608035.55	779.20615	6.79	6.79	0	ANNUAL

491701.93	3608024.49	755.88226	6.87	6.87	0	ANNUAL
491624.52	3608121.26	982.59795	6.58	6.58	0	ANNUAL
491615.3	3608116.65	923.03046	6.41	6.41	0	ANNUAL
491603.32	3608112.97	867.25904	6.22	6.22	0	ANNUAL
491590.42	3608107.44	806.51646	5.99	5.99	0	ANNUAL
491582.12	3608104.67	774.91834	5.86	5.86	0	ANNUAL
491567.38	3608101.91	732.68088	5.64	5.64	0	ANNUAL
491553.55	3608094.53	678.74608	5.38	5.38	0	ANNUAL
491560	3608079.79	637.30235	5.31	5.31	0	ANNUAL
491571.98	3608083.47	669.156	5.5	5.5	0	ANNUAL
491585.81	3608088.08	711.15424	5.73	5.73	0	ANNUAL
491599.63	3608094.53	766.78998	5.97	5.97	0	ANNUAL
491614.38	3608097.3	814.843	6.19	6.19	0	ANNUAL
491626.36	3608102.83	877.45895	6.41	6.41	0	ANNUAL
491630.97	3608077.94	763.464	6.19	6.19	0	ANNUAL
491613.46	3608071.49	696.20751	5.9	5.9	0	ANNUAL
491635.57	3608062.28	706.00578	6.08	6.08	0	ANNUAL
491647.56	3608065.04	748.59786	6.27	6.27	0	ANNUAL
491568.3	3608046.61	544.90445	5.16	5.16	0	ANNUAL
491556.32	3608038.32	510.16707	5.01	5.01	0	ANNUAL
491572.91	3608032.79	512.18472	5.22	5.22	0	ANNUAL
491594.1	3608048.45	581.94028	5.49	5.49	0	ANNUAL
491589.49	3608035.55	537.61888	5.43	5.43	0	ANNUAL
491608.85	3608039.24	573.67335	5.68	5.68	0	ANNUAL
491612.53	3608025.41	537.6352	5.73	5.73	0	ANNUAL
491625.44	3608040.16	603.03153	5.89	5.89	0	ANNUAL
491636.5	3608029.1	586.7769	6.03	6.03	0	ANNUAL
491654.01	3608027.26	616.81819	6.26	6.26	0	ANNUAL
491643.87	3608011.59	547.07422	6.13	6.13	0	ANNUAL
491667.83	3608015.28	609.90493	6.43	6.43	0	ANNUAL
491689.03	3607995	601.27188	6.7	6.7	0	ANNUAL
491681.65	3607976.57	528.80566	6.61	6.61	0	ANNUAL
491704.69	3607986.71	621.67149	6.91	6.91	0	ANNUAL
491713.91	3607971.96	603.37593	7.02	7.02	0	ANNUAL
491725.89	3607958.14	598.23444	7.18	7.18	0	ANNUAL
491711.15	3607949.84	531.94139	6.99	6.99	0	ANNUAL
491729.58	3607943.39	565.80717	7.22	7.22	0	ANNUAL
491714.83	3607935.1	504.2339	7.04	7.04	0	ANNUAL
491724.97	3607923.12	500.55027	7.17	7.17	0	ANNUAL
491737.87	3607928.65	548.86938	7.33	7.33	0	ANNUAL
491735.11	3607910.22	495.12574	7.3	7.3	0	ANNUAL
491558.16	3608010.67	446.76664	5.03	5.03	0	ANNUAL
491579.36	3607998.69	437.37975	5.3	5.3	0	ANNUAL
491595.95	3608003.3	462.03995	5.51	5.51	0	ANNUAL
491613.46	3607995.92	463.12885	5.74	5.74	0	ANNUAL
491599.63	3607983.94	423.43448	5.56	5.56	0	ANNUAL
491623.59	3607979.33	437.88119	5.87	5.87	0	ANNUAL

491640.18	3607983.02	467.47351	6.08	6.08	0	ANNUAL
491660.46	3607968.28	466.12239	6.34	6.34	0	ANNUAL
491659.54	3607951.69	429.57667	6.24	6.24	0	ANNUAL
491677.05	3607950.77	457.63343	6.49	6.49	0	ANNUAL
491682.58	3607937.86	441.04738	6.52	6.52	0	ANNUAL
491670.6	3607928.65	403.26628	6.27	6.27	0	ANNUAL
491694.56	3607921.27	430.62047	6.67	6.67	0	ANNUAL
491682.58	3607913.9	396.2858	6.42	6.42	0	ANNUAL
491682.58	3607901.92	376.39613	6.37	6.37	0	ANNUAL
491705.62	3607902.84	416.61693	6.86	6.86	0	ANNUAL
491561.62	3607964.09	361.52381	5.08	5.08	0	ANNUAL
491578.12	3607959.66	363.39121	5.24	5.24	0	ANNUAL
491573.42	3607943.99	336.42249	5.01	5.01	0	ANNUAL
491600.84	3607959.66	378.65901	5.53	5.53	0	ANNUAL
491591.44	3607944.77	347.74317	5.25	5.25	0	ANNUAL
491603.97	3607934.59	340.58815	5.3	5.3	0	ANNUAL
491615.72	3607947.91	370.81638	5.59	5.59	0	ANNUAL
491636.09	3607933.02	366.04732	5.7	5.7	0	ANNUAL
491625.12	3607917.35	332.03167	5.38	5.38	0	ANNUAL
491644.71	3607918.92	353.35695	5.72	5.72	0	ANNUAL
491642.36	3607896.99	320.10969	5.46	5.46	0	ANNUAL
491658.03	3607905.6	348.86545	5.87	5.87	0	ANNUAL
491665.08	3607887.59	331.99941	5.9	5.9	0	ANNUAL
491647.06	3607883.67	307.77096	5.45	5.45	0	ANNUAL
491564.8	3607922.84	303.4827	4.67	4.67	0	ANNUAL
491587.52	3607913.44	301.75849	4.86	4.86	0	ANNUAL
491573.42	3607903.25	283.1073	4.57	4.57	0	ANNUAL
491607.11	3607896.2	291.63159	4.92	4.92	0	ANNUAL
491603.97	3607878.97	270.49998	4.7	4.7	0	ANNUAL
491621.99	3607877.4	279.96461	4.91	4.91	0	ANNUAL
491892.25	3607962.79	1729.53705	9.3	9.3	0	ANNUAL
491943.96	3607975.32	2655.68093	10.09	10.09	0	ANNUAL
491586.79	3608712.31	8409.91149	6.74	6.74	0	ANNUAL
491579.14	3608732.72	7291.76171	6.49	6.49	0	ANNUAL
491579.14	3608751.86	6533.0195	6.43	6.43	0	ANNUAL
491563.83	3608778.64	5465.98803	6.11	6.11	0	ANNUAL
491558.73	3608797.78	4905.57279	6.03	6.03	0	ANNUAL
491545.97	3608824.57	4212.34249	5.87	5.87	0	ANNUAL
491543.42	3608838.6	3929.01444	5.83	5.83	0	ANNUAL
491534.49	3608869.21	3382.56676	5.72	5.72	0	ANNUAL
491635.26	3608725.07	8556.303	7.77	7.77	0	ANNUAL
491665.88	3608731.45	8360.83188	8.22	8.22	0	ANNUAL
491654.4	3608756.96	6906.22993	7.82	7.82	0	ANNUAL
491627.61	3608748.03	7224.74672	7.38	7.38	0	ANNUAL
491621.23	3608764.61	6439.38955	7.11	7.11	0	ANNUAL
491651.85	3608772.27	6214.64483	7.64	7.64	0	ANNUAL
491635.26	3608823.29	4517.60807	7.02	7.02	0	ANNUAL

491608.48	3608810.54	4835.62481	6.67	6.67	0	ANNUAL
491603.37	3608829.67	4336.69451	6.6	6.6	0	ANNUAL
491627.61	3608838.6	4143.13594	6.91	6.91	0	ANNUAL
491622.51	3608866.66	3564.66602	6.84	6.84	0	ANNUAL
491590.62	3608859.01	3701.20145	6.44	6.44	0	ANNUAL
491586.79	3608875.59	3404.77827	6.39	6.39	0	ANNUAL
491617.41	3608884.52	3257.20091	6.78	6.78	0	ANNUAL
491707.97	3608753.13	7153.25801	8.91	8.91	0	ANNUAL
491702.87	3608768.44	6396.431	8.78	8.78	0	ANNUAL
491696.49	3608791.4	5468.59705	8.59	8.59	0	ANNUAL
491688.84	3608805.43	4998.74356	8.39	8.39	0	ANNUAL
491683.74	3608834.77	4189.63762	8.26	8.26	0	ANNUAL
491674.81	3608851.36	3820.01121	8.03	8.03	0	ANNUAL
491669.71	3608874.32	3379.43532	7.9	7.9	0	ANNUAL
491667.15	3608903.66	2914.7126	7.83	7.83	0	ANNUAL
491741.14	3608758.23	6978.56924	9.36	9.36	0	ANNUAL
491733.49	3608772.27	6281.67673	9.27	9.27	0	ANNUAL
491727.11	3608797.78	5275.56965	9.18	9.18	0	ANNUAL
491720.73	3608809.26	4893.44238	9.1	9.1	0	ANNUAL
491711.8	3608833.5	4219.16689	8.97	8.97	0	ANNUAL
491706.7	3608855.18	3729.43269	8.84	8.84	0	ANNUAL
491701.6	3608871.77	3409.51209	8.71	8.71	0	ANNUAL
491699.05	3608899.83	2955.05305	8.65	8.65	0	ANNUAL
491778.13	3608770.99	6583.73997	9.84	9.84	0	ANNUAL
491773.03	3608791.4	5700.1801	9.77	9.77	0	ANNUAL
491762.83	3608811.81	4952.10555	9.64	9.64	0	ANNUAL
491760.28	3608828.39	4468.7311	9.61	9.61	0	ANNUAL
491755.17	3608851.36	3900.00547	9.54	9.54	0	ANNUAL
491747.52	3608869.21	3518.43567	9.44	9.44	0	ANNUAL
491738.59	3608884.52	3229.67762	9.33	9.33	0	ANNUAL
491738.59	3608902.38	2954.26121	9.33	9.33	0	ANNUAL
491804.92	3608781.2	6318.52159	10.18	10.18	0	ANNUAL
491802.37	3608806.71	5337.54307	10.15	10.15	0	ANNUAL
491789.61	3608822.02	4788.76329	9.98	9.98	0	ANNUAL
491788.34	3608839.87	4305.57852	9.97	9.97	0	ANNUAL
491774.31	3608853.91	3917.0837	9.79	9.79	0	ANNUAL
491778.13	3608875.59	3499.89081	9.84	9.84	0	ANNUAL
491773.03	3608892.17	3197.355	9.77	9.77	0	ANNUAL
491770.48	3608916.41	2832.77258	9.74	9.74	0	ANNUAL
491848.29	3608793.95	5992.71087	10.73	10.73	0	ANNUAL
491845.74	3608815.64	5237.45045	10.7	10.7	0	ANNUAL
491835.54	3608834.77	4650.58333	10.57	10.57	0	ANNUAL
491829.16	3608859.01	4039.55505	10.49	10.49	0	ANNUAL
491824.06	3608874.32	3704.88695	10.42	10.42	0	ANNUAL
491824.06	3608890.9	3400.78112	10.42	10.42	0	ANNUAL
491820.23	3608904.93	3159.29467	10.37	10.37	0	ANNUAL
491818.95	3608924.07	2877.04023	10.36	10.36	0	ANNUAL

491817.68	3608940.65	2660.42732	10.34	10.34	0	ANNUAL
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491855.95	3608878.14	3724.29971	10.83	10.83	0	ANNUAL
491849.57	3608899.83	3323.74804	10.75	10.75	0	ANNUAL
491857.22	3608915.14	3103.21069	10.85	10.85	0	ANNUAL
491869.98	3608930.44	2913.47447	11.01	11.01	0	ANNUAL
491890.39	3608932.99	2909.41727	11.27	11.27	0	ANNUAL
491915.9	3608818.19	5123.01474	11.6	11.6	0	ANNUAL
491914.63	3608838.6	4596.72161	11.58	11.58	0	ANNUAL
491904.42	3608855.18	4234.93498	11.45	11.45	0	ANNUAL
491903.14	3608874.32	3846.14771	11.43	11.43	0	ANNUAL
491895.49	3608897.28	3438.65333	11.34	11.34	0	ANNUAL
491915.9	3608899.83	3397.17383	11.6	11.6	0	ANNUAL
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491952.89	3608910.03	3198.84616	12.07	12.07	0	ANNUAL
491966.93	3608922.79	3001.95003	12.25	12.25	0	ANNUAL
491923.55	3608947.03	2752.86059	11.69	11.69	0	ANNUAL
491945.24	3608961.06	2590.66041	11.97	11.97	0	ANNUAL
491737.31	3608925.34	2646.50014	9.31	9.31	0	ANNUAL

** CONCUNIT ug/ m^3

** DEPUNIT g/m^ 2

A\construc		2-Jan	*	AERMOD (1808	1): C:\Users\x
		12:24	*	AERMET (1413	4):
			*	MODELING OPTI	ONS USED: Re
UP: AREA			*	PLOT	FILE OF ANNUAL
			*	FOR A	TOTAL OF 38
			*	FORMA	T: (3(1X,F13.5
GRP	NUM YRS	NET ID	*	X	Y
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AREA	5	491720.73	3608809.26
AREA	5	491711.8	3608833.5
AREA	5	491706.7	3608855.18
AREA	5	491701.6	3608871.77
AREA	5	491699.05	3608899.83
AREA	5	491778.13	3608770.99
AREA	5	491773.03	3608791.4
AREA	5	491762.83	3608811.81
AREA	5	491760.28	3608828.39
AREA	5	491755.17	3608851.36
AREA	5	491747.52	3608869.21
AREA	5	491738.59	3608884.52
AREA	5	491738.59	3608902.38
AREA	5	491804.92	3608781.2
AREA	5	491802.37	3608806.71
AREA	5	491789.61	3608822.02
AREA	5	491788.34	3608839.87
AREA	5	491774.31	3608853.91
AREA	5	491778.13	3608875.59
AREA	5	491773.03	3608892.17
AREA	5	491770.48	3608916.41
AREA	5	491848.29	3608793.95
AREA	5	491845.74	3608815.64
AREA	5	491835.54	3608834.77
AREA	5	491829.16	3608859.01
AREA	5	491824.06	3608874.32
AREA	5	491824.06	3608890.9
AREA	5	491820.23	3608904.93
AREA	5	491818.95	3608924.07

AREA	5	491817.68	3608940.65
AREA	5	491873.81	3608822.02
AREA	5	491864.88	3608842.43
AREA	5	491859.77	3608864.11
AREA	5	491855.95	3608878.14
AREA	5	491849.57	3608899.83
AREA	5	491857.22	3608915.14
AREA	5	491869.98	3608930.44
AREA	5	491890.39	3608932.99
AREA	5	491915.9	3608818.19
AREA	5	491914.63	3608838.6
AREA	5	491904.42	3608855.18
AREA	5	491903.14	3608874.32
AREA	5	491895.49	3608897.28
AREA	5	491915.9	3608899.83
AREA	5	491936.31	3608902.38
AREA	5	491952.89	3608910.03
AREA	5	491966.93	3608922.79
AREA	5	491923.55	3608947.03
AREA	5	491945.24	3608961.06
AREA	5	491737.31	3608925.34
** CONCUNIT ug/ m^3			
** DEPUNIT g/m^ 2			

gDFAULT CONC ELEV URB AN
VALUES AVERA GED ACROSS 5 YEARS FOR SO URCE GRO UP: LINE
9 RECEPTORS.
),3(1X,F8.2), 2X,A6,2X,A8 ,2X,I8.8, 2X,A8)
AVERAGE CONC ZELEV ZHILL ZFLAG AVE GRP NUM YRS NET ID

2.71215	9.85	9.85	0	ANNUAL	LINE		5
40.63129	8.75	8.75	0	ANNUAL	LINE		5
37.16311	8.95	8.95	0	ANNUAL	LINE		5
18.63654	8.83	8.83	0	ANNUAL	LINE		5
18.30192	9.05	9.05	0	ANNUAL	LINE		5
11.83867	8.99	8.99	0	ANNUAL	LINE		5
8.50172	9.04	9.04	0	ANNUAL	LINE		5
6.29229	9.08	9.08	0	ANNUAL	LINE		5
4.82803	9.11	9.11	0	ANNUAL	LINE		5
3.60052	9.18	9.18	0	ANNUAL	LINE		5
17.47807	9.57	9.57	0	ANNUAL	LINE		5
16.36569	9.6	9.6	0	ANNUAL	LINE		5
13.10984	9.68	9.68	0	ANNUAL	LINE		5
10.45869	9.78	9.78	0	ANNUAL	LINE		5
6.89013	9.93	9.93	0	ANNUAL	LINE		5
5.50992	9.99	9.99	0	ANNUAL	LINE		5
4.51933	10.08	10.08	0	ANNUAL	LINE		5
3.29514	10.13	10.13	0	ANNUAL	LINE		5
2.54421	10.21	10.21	0	ANNUAL	LINE		5
2.70752	9.22	9.22	0	ANNUAL	LINE		5
2.04387	9.28	9.28	0	ANNUAL	LINE		5
1.44327	9.36	9.36	0	ANNUAL	LINE		5
1.76573	9.63	9.63	0	ANNUAL	LINE		5
2.33746	10	10	0	ANNUAL	LINE		5
2.83789	9.95	9.95	0	ANNUAL	LINE		5
3.15933	9.98	9.98	0	ANNUAL	LINE		5
3.45016	10.04	10.04	0	ANNUAL	LINE		5
4.03201	10.08	10.08	0	ANNUAL	LINE		5
2.05662	10.23	10.23	0	ANNUAL	LINE		5
2.21408	10.28	10.28	0	ANNUAL	LINE		5
2.4267	10.35	10.35	0	ANNUAL	LINE		5
2.6929	10.4	10.4	0	ANNUAL	LINE		5
3.01035	10.45	10.45	0	ANNUAL	LINE		5
1.56146	10.56	10.56	0	ANNUAL	LINE		5
1.71251	10.63	10.63	0	ANNUAL	LINE		5
1.91468	10.67	10.67	0	ANNUAL	LINE		5
2.05708	10.74	10.74	0	ANNUAL	LINE		5
2.25717	10.79	10.79	0	ANNUAL	LINE		5
1.5442	11.05	11.05	0	ANNUAL	LINE		5

1.64752	11.09	11.09	0	ANNUAL	LINE	5
1.7769	11.16	11.16	0	ANNUAL	LINE	5
0.91756	11.47	11.47	0	ANNUAL	LINE	5
1.01343	11.52	11.52	0	ANNUAL	LINE	5
1.08708	11.59	11.59	0	ANNUAL	LINE	5
1.15656	11.66	11.66	0	ANNUAL	LINE	5
1.24684	11.71	11.71	0	ANNUAL	LINE	5
0.77086	11.84	11.84	0	ANNUAL	LINE	5
0.83799	11.87	11.87	0	ANNUAL	LINE	5
0.90443	11.94	11.94	0	ANNUAL	LINE	5
0.96222	11.99	11.99	0	ANNUAL	LINE	5
1.04776	12.04	12.04	0	ANNUAL	LINE	5
0.64922	12.15	12.15	0	ANNUAL	LINE	5
0.70953	12.22	12.22	0	ANNUAL	LINE	5
0.75843	12.27	12.27	0	ANNUAL	LINE	5
0.80837	12.33	12.33	0	ANNUAL	LINE	5
0.85687	12.39	12.39	0	ANNUAL	LINE	5
0.56015	12.52	12.52	0	ANNUAL	LINE	5
0.60579	12.56	12.56	0	ANNUAL	LINE	5
0.646	12.64	12.64	0	ANNUAL	LINE	5
0.69626	12.68	12.68	0	ANNUAL	LINE	5
0.73928	12.73	12.73	0	ANNUAL	LINE	5
7.44433	10.06	10.06	0	ANNUAL	LINE	5
3.59829	10.78	10.78	0	ANNUAL	LINE	5
7.99283	10.14	10.14	0	ANNUAL	LINE	5
7.09578	10.31	10.31	0	ANNUAL	LINE	5
7.41382	10.27	10.27	0	ANNUAL	LINE	5
6.01035	10.49	10.49	0	ANNUAL	LINE	5
4.98056	10.53	10.53	0	ANNUAL	LINE	5
4.3267	10.59	10.59	0	ANNUAL	LINE	5
3.72852	10.66	10.66	0	ANNUAL	LINE	5
3.15801	10.71	10.71	0	ANNUAL	LINE	5
2.68938	10.69	10.69	0	ANNUAL	LINE	5
2.31799	10.83	10.83	0	ANNUAL	LINE	5
3.92068	10.87	10.87	0	ANNUAL	LINE	5
4.13765	10.99	10.99	0	ANNUAL	LINE	5
4.1747	11.02	11.02	0	ANNUAL	LINE	5
3.92112	11.1	11.1	0	ANNUAL	LINE	5
3.44176	11.24	11.24	0	ANNUAL	LINE	5
3.2761	11.17	11.17	0	ANNUAL	LINE	5
2.85414	11.34	11.34	0	ANNUAL	LINE	5
2.57399	11.23	11.23	0	ANNUAL	LINE	5
2.21423	11.52	11.52	0	ANNUAL	LINE	5
2.25235	11.37	11.37	0	ANNUAL	LINE	5
2.4227	11.43	11.43	0	ANNUAL	LINE	5
2.55377	11.53	11.53	0	ANNUAL	LINE	5
2.73973	11.57	11.57	0	ANNUAL	LINE	5

2.77387	11.69	11.69	0	ANNUAL	LINE	5
2.72184	11.76	11.76	0	ANNUAL	LINE	5
2.61058	11.85	11.85	0	ANNUAL	LINE	5
2.56586	11.85	11.85	0	ANNUAL	LINE	5
2.30116	12.04	12.04	0	ANNUAL	LINE	5
2.28757	11.92	11.92	0	ANNUAL	LINE	5
1.92083	12.26	12.26	0	ANNUAL	LINE	5
1.43445	12.08	12.08	0	ANNUAL	LINE	5
1.55699	12.14	12.14	0	ANNUAL	LINE	5
1.81736	12.02	12.02	0	ANNUAL	LINE	5
1.75203	12.27	12.27	0	ANNUAL	LINE	5
1.94963	12.2	12.2	0	ANNUAL	LINE	5
1.84423	12.41	12.41	0	ANNUAL	LINE	5
1.94539	12.39	12.39	0	ANNUAL	LINE	5
1.96082	12.43	12.43	0	ANNUAL	LINE	5
1.86581	12.57	12.57	0	ANNUAL	LINE	5
1.94735	12.47	12.47	0	ANNUAL	LINE	5
1.76457	12.68	12.68	0	ANNUAL	LINE	5
1.71233	12.7	12.7	0	ANNUAL	LINE	5
1.11315	12.57	12.57	0	ANNUAL	LINE	5
1.22143	12.65	12.65	0	ANNUAL	LINE	5
1.25216	12.77	12.77	0	ANNUAL	LINE	5
0.89809	12.98	12.98	0	ANNUAL	LINE	5
0.7854	13.33	13.33	0	ANNUAL	LINE	5
1.26584	12.9	12.9	0	ANNUAL	LINE	5
1.37757	12.88	12.88	0	ANNUAL	LINE	5
1.06697	13.41	13.41	0	ANNUAL	LINE	5
1.44695	12.98	12.98	0	ANNUAL	LINE	5
1.43698	13.22	13.22	0	ANNUAL	LINE	5
1.46755	13.04	13.04	0	ANNUAL	LINE	5
1.15696	13.83	13.83	0	ANNUAL	LINE	5
0.82048	9.09	9.09	0	ANNUAL	LINE	5
1.01929	9.46	9.46	0	ANNUAL	LINE	5
1.19844	9.83	9.83	0	ANNUAL	LINE	5
1.34443	10.27	10.27	0	ANNUAL	LINE	5
0.68642	8.99	8.99	0	ANNUAL	LINE	5
0.95334	9.7	9.7	0	ANNUAL	LINE	5
1.19114	10.3	10.3	0	ANNUAL	LINE	5
0.96262	10.25	10.25	0	ANNUAL	LINE	5
0.79462	9.69	9.69	0	ANNUAL	LINE	5
0.50327	8.84	8.84	0	ANNUAL	LINE	5
0.4441	8.8	8.8	0	ANNUAL	LINE	5
0.54139	9.19	9.19	0	ANNUAL	LINE	5
0.6769	10.14	10.14	0	ANNUAL	LINE	5
0.59639	10.35	10.35	0	ANNUAL	LINE	5
0.49036	10.34	10.34	0	ANNUAL	LINE	5
0.35189	8.85	8.85	0	ANNUAL	LINE	5

0.292	8.98	8.98	0	ANNUAL	LINE	5
0.21562	9.1	9.1	0	ANNUAL	LINE	5
0.28963	9.83	9.83	0	ANNUAL	LINE	5
0.34252	10.37	10.37	0	ANNUAL	LINE	5
1.58326	10.84	10.84	0	ANNUAL	LINE	5
1.72935	11.18	11.18	0	ANNUAL	LINE	5
1.81216	11.53	11.53	0	ANNUAL	LINE	5
1.17209	10.99	10.99	0	ANNUAL	LINE	5
1.33436	11.53	11.53	0	ANNUAL	LINE	5
1.06121	11.91	11.91	0	ANNUAL	LINE	5
0.88806	11.11	11.11	0	ANNUAL	LINE	5
0.65486	11.22	11.22	0	ANNUAL	LINE	5
0.67462	11.49	11.49	0	ANNUAL	LINE	5
0.74218	12.09	12.09	0	ANNUAL	LINE	5
0.58284	11.78	11.78	0	ANNUAL	LINE	5
0.48467	11.08	11.08	0	ANNUAL	LINE	5
0.40747	10.96	10.96	0	ANNUAL	LINE	5
0.49104	11.84	11.84	0	ANNUAL	LINE	5
0.42857	11.71	11.71	0	ANNUAL	LINE	5
0.35545	10.96	10.96	0	ANNUAL	LINE	5
1.63629	12.17	12.17	0	ANNUAL	LINE	5
1.43556	12.29	12.29	0	ANNUAL	LINE	5
1.48031	12.78	12.78	0	ANNUAL	LINE	5
1.33609	12.9	12.9	0	ANNUAL	LINE	5
1.13753	12.37	12.37	0	ANNUAL	LINE	5
1.13313	13.08	13.08	0	ANNUAL	LINE	5
0.95426	12.43	12.43	0	ANNUAL	LINE	5
0.9276	13.26	13.26	0	ANNUAL	LINE	5
0.81189	13.41	13.41	0	ANNUAL	LINE	5
0.72072	12.65	12.65	0	ANNUAL	LINE	5
0.55127	12.49	12.49	0	ANNUAL	LINE	5
0.6806	13.47	13.47	0	ANNUAL	LINE	5
1.27558	13.47	13.47	0	ANNUAL	LINE	5
1.08028	14.03	14.03	0	ANNUAL	LINE	5
1.2037	13.51	13.51	0	ANNUAL	LINE	5
1.01145	14.17	14.17	0	ANNUAL	LINE	5
0.94695	14.28	14.28	0	ANNUAL	LINE	5
1.03352	13.62	13.62	0	ANNUAL	LINE	5
0.91938	14.21	14.21	0	ANNUAL	LINE	5
0.93915	13.71	13.71	0	ANNUAL	LINE	5
0.86053	13.79	13.79	0	ANNUAL	LINE	5
0.80792	14.49	14.49	0	ANNUAL	LINE	5
0.73113	14.54	14.54	0	ANNUAL	LINE	5
0.67306	14.65	14.65	0	ANNUAL	LINE	5
0.76825	13.86	13.86	0	ANNUAL	LINE	5
0.68315	13.99	13.99	0	ANNUAL	LINE	5
0.60414	14.03	14.03	0	ANNUAL	LINE	5

0.60903	14.48	14.48	0	ANNUAL	LINE	5
0.84615	14.83	14.83	0	ANNUAL	LINE	5
0.86205	14.74	14.74	0	ANNUAL	LINE	5
0.84196	14.77	14.77	0	ANNUAL	LINE	5
0.808	14.83	14.83	0	ANNUAL	LINE	5
0.76159	14.98	14.98	0	ANNUAL	LINE	5
0.72336	15.02	15.02	0	ANNUAL	LINE	5
0.67343	15.09	15.09	0	ANNUAL	LINE	5
0.63341	15.16	15.16	0	ANNUAL	LINE	5
0.59758	15.24	15.24	0	ANNUAL	LINE	5
0.56237	15.33	15.33	0	ANNUAL	LINE	5
0.95379	7.66	7.66	0	ANNUAL	LINE	5
0.68053	7.68	7.68	0	ANNUAL	LINE	5
0.57313	7.59	7.59	0	ANNUAL	LINE	5
0.49193	7.49	7.49	0	ANNUAL	LINE	5
0.42458	7.39	7.39	0	ANNUAL	LINE	5
0.37342	7.3	7.3	0	ANNUAL	LINE	5
0.32522	7.19	7.19	0	ANNUAL	LINE	5
0.30182	7.18	7.18	0	ANNUAL	LINE	5
0.26913	7.07	7.07	0	ANNUAL	LINE	5
0.24322	7.11	7.11	0	ANNUAL	LINE	5
0.18861	7.26	7.26	0	ANNUAL	LINE	5
0.17194	7.29	7.29	0	ANNUAL	LINE	5
0.15735	7.29	7.29	0	ANNUAL	LINE	5
0.14774	7.41	7.41	0	ANNUAL	LINE	5
0.13494	7.45	7.45	0	ANNUAL	LINE	5
0.12526	7.55	7.55	0	ANNUAL	LINE	5
0.11385	7.6	7.6	0	ANNUAL	LINE	5
0.61405	7.03	7.03	0	ANNUAL	LINE	5
0.50736	6.8	6.8	0	ANNUAL	LINE	5
0.42946	6.49	6.49	0	ANNUAL	LINE	5
0.35221	6.14	6.14	0	ANNUAL	LINE	5
0.32156	5.95	5.95	0	ANNUAL	LINE	5
0.2718	5.63	5.63	0	ANNUAL	LINE	5
0.4194	6.94	6.94	0	ANNUAL	LINE	5
0.5141	7.21	7.21	0	ANNUAL	LINE	5
0.36746	6.85	6.85	0	ANNUAL	LINE	5
0.32912	6.79	6.79	0	ANNUAL	LINE	5
0.3411	6.93	6.93	0	ANNUAL	LINE	5
0.31991	6.93	6.93	0	ANNUAL	LINE	5
0.28186	6.84	6.84	0	ANNUAL	LINE	5
0.28068	6.62	6.62	0	ANNUAL	LINE	5
0.27	6.65	6.65	0	ANNUAL	LINE	5
0.23991	6.56	6.56	0	ANNUAL	LINE	5
0.22037	6.57	6.57	0	ANNUAL	LINE	5
0.23929	6.73	6.73	0	ANNUAL	LINE	5
0.20522	6.79	6.79	0	ANNUAL	LINE	5

0.18973	6.87	6.87	0	ANNUAL	LINE	5
0.38106	6.58	6.58	0	ANNUAL	LINE	5
0.3492	6.41	6.41	0	ANNUAL	LINE	5
0.31999	6.22	6.22	0	ANNUAL	LINE	5
0.28739	5.99	5.99	0	ANNUAL	LINE	5
0.27053	5.86	5.86	0	ANNUAL	LINE	5
0.24793	5.64	5.64	0	ANNUAL	LINE	5
0.21986	5.38	5.38	0	ANNUAL	LINE	5
0.20076	5.31	5.31	0	ANNUAL	LINE	5
0.21644	5.5	5.5	0	ANNUAL	LINE	5
0.23709	5.73	5.73	0	ANNUAL	LINE	5
0.26452	5.97	5.97	0	ANNUAL	LINE	5
0.28675	6.19	6.19	0	ANNUAL	LINE	5
0.31637	6.41	6.41	0	ANNUAL	LINE	5
0.2525	6.19	6.19	0	ANNUAL	LINE	5
0.22558	5.9	5.9	0	ANNUAL	LINE	5
0.22214	6.08	6.08	0	ANNUAL	LINE	5
0.23548	6.27	6.27	0	ANNUAL	LINE	5
0.16037	5.16	5.16	0	ANNUAL	LINE	5
0.14559	5.01	5.01	0	ANNUAL	LINE	5
0.14698	5.22	5.22	0	ANNUAL	LINE	5
0.17577	5.49	5.49	0	ANNUAL	LINE	5
0.15714	5.43	5.43	0	ANNUAL	LINE	5
0.17041	5.68	5.68	0	ANNUAL	LINE	5
0.15465	5.73	5.73	0	ANNUAL	LINE	5
0.17932	5.89	5.89	0	ANNUAL	LINE	5
0.16872	6.03	6.03	0	ANNUAL	LINE	5
0.17328	6.26	6.26	0	ANNUAL	LINE	5
0.14986	6.13	6.13	0	ANNUAL	LINE	5
0.16255	6.43	6.43	0	ANNUAL	LINE	5
0.1456	6.7	6.7	0	ANNUAL	LINE	5
0.12538	6.61	6.61	0	ANNUAL	LINE	5
0.1415	6.91	6.91	0	ANNUAL	LINE	5
0.12953	7.02	7.02	0	ANNUAL	LINE	5
0.12042	7.18	7.18	0	ANNUAL	LINE	5
0.11043	6.99	6.99	0	ANNUAL	LINE	5
0.10966	7.22	7.22	0	ANNUAL	LINE	5
0.10089	7.04	7.04	0	ANNUAL	LINE	5
0.09521	7.17	7.17	0	ANNUAL	LINE	5
0.10112	7.33	7.33	0	ANNUAL	LINE	5
0.08948	7.3	7.3	0	ANNUAL	LINE	5
0.12114	5.03	5.03	0	ANNUAL	LINE	5
0.11796	5.3	5.3	0	ANNUAL	LINE	5
0.1266	5.51	5.51	0	ANNUAL	LINE	5
0.12513	5.74	5.74	0	ANNUAL	LINE	5
0.11194	5.56	5.56	0	ANNUAL	LINE	5
0.11409	5.87	5.87	0	ANNUAL	LINE	5

0.12094	6.08	6.08	0	ANNUAL	LINE	5
0.11369	6.34	6.34	0	ANNUAL	LINE	5
0.10173	6.24	6.24	0	ANNUAL	LINE	5
0.10432	6.49	6.49	0	ANNUAL	LINE	5
0.09695	6.52	6.52	0	ANNUAL	LINE	5
0.0897	6.27	6.27	0	ANNUAL	LINE	5
0.08923	6.67	6.67	0	ANNUAL	LINE	5
0.08368	6.42	6.42	0	ANNUAL	LINE	5
0.078	6.37	6.37	0	ANNUAL	LINE	5
0.08134	6.86	6.86	0	ANNUAL	LINE	5
0.09104	5.08	5.08	0	ANNUAL	LINE	5
0.09175	5.24	5.24	0	ANNUAL	LINE	5
0.08283	5.01	5.01	0	ANNUAL	LINE	5
0.09601	5.53	5.53	0	ANNUAL	LINE	5
0.08613	5.25	5.25	0	ANNUAL	LINE	5
0.08299	5.3	5.3	0	ANNUAL	LINE	5
0.09183	5.59	5.59	0	ANNUAL	LINE	5
0.08695	5.7	5.7	0	ANNUAL	LINE	5
0.07785	5.38	5.38	0	ANNUAL	LINE	5
0.08111	5.72	5.72	0	ANNUAL	LINE	5
0.07132	5.46	5.46	0	ANNUAL	LINE	5
0.07669	5.87	5.87	0	ANNUAL	LINE	5
0.07005	5.9	5.9	0	ANNUAL	LINE	5
0.06677	5.45	5.45	0	ANNUAL	LINE	5
0.07232	4.67	4.67	0	ANNUAL	LINE	5
0.07149	4.86	4.86	0	ANNUAL	LINE	5
0.06604	4.57	4.57	0	ANNUAL	LINE	5
0.06721	4.92	4.92	0	ANNUAL	LINE	5
0.06106	4.7	4.7	0	ANNUAL	LINE	5
0.06223	4.91	4.91	0	ANNUAL	LINE	5
0.20211	9.3	9.3	0	ANNUAL	LINE	5
0.26865	10.09	10.09	0	ANNUAL	LINE	5
0.25537	6.74	6.74	0	ANNUAL	LINE	5
0.22345	6.49	6.49	0	ANNUAL	LINE	5
0.19896	6.43	6.43	0	ANNUAL	LINE	5
0.17032	6.11	6.11	0	ANNUAL	LINE	5
0.1536	6.03	6.03	0	ANNUAL	LINE	5
0.13396	5.87	5.87	0	ANNUAL	LINE	5
0.12516	5.83	5.83	0	ANNUAL	LINE	5
0.10868	5.72	5.72	0	ANNUAL	LINE	5
0.23968	7.77	7.77	0	ANNUAL	LINE	5
0.23355	8.22	8.22	0	ANNUAL	LINE	5
0.19926	7.82	7.82	0	ANNUAL	LINE	5
0.20756	7.38	7.38	0	ANNUAL	LINE	5
0.18774	7.11	7.11	0	ANNUAL	LINE	5
0.1824	7.64	7.64	0	ANNUAL	LINE	5
0.13801	7.02	7.02	0	ANNUAL	LINE	5

0.14544	6.67	6.67	0	ANNUAL	LINE	5
0.13187	6.6	6.6	0	ANNUAL	LINE	5
0.12751	6.91	6.91	0	ANNUAL	LINE	5
0.11155	6.84	6.84	0	ANNUAL	LINE	5
0.11431	6.44	6.44	0	ANNUAL	LINE	5
0.10597	6.39	6.39	0	ANNUAL	LINE	5
0.1028	6.78	6.78	0	ANNUAL	LINE	5
0.20753	8.91	8.91	0	ANNUAL	LINE	5
0.18982	8.78	8.78	0	ANNUAL	LINE	5
0.16695	8.59	8.59	0	ANNUAL	LINE	5
0.15457	8.39	8.39	0	ANNUAL	LINE	5
0.13298	8.26	8.26	0	ANNUAL	LINE	5
0.12236	8.03	8.03	0	ANNUAL	LINE	5
0.10986	7.9	7.9	0	ANNUAL	LINE	5
0.09656	7.83	7.83	0	ANNUAL	LINE	5
0.20192	9.36	9.36	0	ANNUAL	LINE	5
0.18683	9.27	9.27	0	ANNUAL	LINE	5
0.16283	9.18	9.18	0	ANNUAL	LINE	5
0.15316	9.1	9.1	0	ANNUAL	LINE	5
0.13521	8.97	8.97	0	ANNUAL	LINE	5
0.12169	8.84	8.84	0	ANNUAL	LINE	5
0.11253	8.71	8.71	0	ANNUAL	LINE	5
0.09935	8.65	8.65	0	ANNUAL	LINE	5
0.18625	9.84	9.84	0	ANNUAL	LINE	5
0.16812	9.77	9.77	0	ANNUAL	LINE	5
0.15217	9.64	9.64	0	ANNUAL	LINE	5
0.14044	9.61	9.61	0	ANNUAL	LINE	5
0.12606	9.54	9.54	0	ANNUAL	LINE	5
0.11604	9.44	9.44	0	ANNUAL	LINE	5
0.10809	9.33	9.33	0	ANNUAL	LINE	5
0.1001	9.33	9.33	0	ANNUAL	LINE	5
0.17405	10.18	10.18	0	ANNUAL	LINE	5
0.15414	10.15	10.15	0	ANNUAL	LINE	5
0.14421	9.98	9.98	0	ANNUAL	LINE	5
0.13287	9.97	9.97	0	ANNUAL	LINE	5
0.12485	9.79	9.79	0	ANNUAL	LINE	5
0.1135	9.84	9.84	0	ANNUAL	LINE	5
0.10568	9.77	9.77	0	ANNUAL	LINE	5
0.09553	9.74	9.74	0	ANNUAL	LINE	5
0.15787	10.73	10.73	0	ANNUAL	LINE	5
0.14361	10.7	10.7	0	ANNUAL	LINE	5
0.13316	10.57	10.57	0	ANNUAL	LINE	5
0.12055	10.49	10.49	0	ANNUAL	LINE	5
0.11337	10.42	10.42	0	ANNUAL	LINE	5
0.10597	10.42	10.42	0	ANNUAL	LINE	5
0.1003	10.37	10.37	0	ANNUAL	LINE	5
0.09309	10.36	10.36	0	ANNUAL	LINE	5

0.0874	10.34	10.34	0	ANNUAL	LINE	5
0.13605	11.06	11.06	0	ANNUAL	LINE	5
0.12605	10.95	10.95	0	ANNUAL	LINE	5
0.1159	10.88	10.88	0	ANNUAL	LINE	5
0.1099	10.83	10.83	0	ANNUAL	LINE	5
0.10134	10.75	10.75	0	ANNUAL	LINE	5
0.09528	10.85	10.85	0	ANNUAL	LINE	5
0.08953	11.01	11.01	0	ANNUAL	LINE	5
0.0877	11.27	11.27	0	ANNUAL	LINE	5
0.13148	11.6	11.6	0	ANNUAL	LINE	5
0.12148	11.58	11.58	0	ANNUAL	LINE	5
0.11528	11.45	11.45	0	ANNUAL	LINE	5
0.10735	11.43	11.43	0	ANNUAL	LINE	5
0.09929	11.34	11.34	0	ANNUAL	LINE	5
0.09661	11.6	11.6	0	ANNUAL	LINE	5
0.09379	11.86	11.86	0	ANNUAL	LINE	5
0.08973	12.07	12.07	0	ANNUAL	LINE	5
0.08465	12.25	12.25	0	ANNUAL	LINE	5
0.0816	11.69	11.69	0	ANNUAL	LINE	5
0.07653	11.97	11.97	0	ANNUAL	LINE	5
0.09097	9.31	9.31	0	ANNUAL	LINE	5

Moss Street

2019 **No Mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Area Source Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
491856.94	3608423.76	631633.5918	0.52343	2.71215	1.75387E-05	0.52345
491770.82	3608296.56	83768.45212	0.06942	40.63129	2.62751E-04	0.06968
491786.69	3608300.4	169029.1196	0.14007	37.16311	2.40324E-04	0.14031
491777.07	3608270.58	37629.84601	0.03118	18.63654	1.20517E-04	0.03130
491794.39	3608275.87	71537.09153	0.05928	18.30192	1.18353E-04	0.05940
491789.88	3608254.44	30952.91267	0.02565	11.83867	7.65574E-05	0.02573
491793.88	3608239.79	22440.86907	0.01860	8.50172	5.49783E-05	0.01865
491796.54	3608225.81	16889.37505	0.01400	6.29229	4.06905E-05	0.01404
491799.2	3608213.16	13520.08898	0.01120	4.82803	3.12215E-05	0.01124
491804.53	3608198.51	11109.97723	0.00921	3.60052	2.32836E-05	0.00923
491835.16	3608317.03	396533.5888	0.32860	17.47807	1.13026E-04	0.32872
491837.82	3608303.71	271820.1418	0.22526	16.36569	1.05832E-04	0.22536
491843.81	3608287.73	172647.9047	0.14307	13.10984	8.47777E-05	0.14316
491851.14	3608274.41	123009.1203	0.10194	10.45869	6.76335E-05	0.10200
491863.07	3608247.22	66875.79104	0.05542	6.89013	4.45566E-05	0.05546
491867.68	3608231.55	48552.36905	0.04024	5.50992	3.56311E-05	0.04027
491875.05	3608218.65	39141.4192	0.03244	4.51933	2.92253E-05	0.03247
491878.74	3608195.61	25762.88386	0.02135	3.29514	2.13088E-05	0.02137
491885.19	3608177.18	19590.4194	0.01623	2.54421	1.64527E-05	0.01625
491807.78	3608183.63	8991.73281	0.00745	2.70752	1.75088E-05	0.00747
491812.39	3608167.97	7461.70142	0.00618	2.04387	1.32171E-05	0.00620
491819.76	3608146.77	6015.00085	0.00498	1.44327	9.33323E-06	0.00499
491840.03	3608155.06	8586.85941	0.00712	1.76573	1.14185E-05	0.00713
491868.6	3608170.73	15061.64567	0.01248	2.33746	1.51157E-05	0.01250
491865.26	3608414.36	589528.9513	0.48854	2.83789	1.83519E-05	0.48856
491867.52	3608403.04	603276.5021	0.49993	3.15933	2.04305E-05	0.49995
491872.05	3608392.29	591456.4074	0.49014	3.45016	2.23112E-05	0.49016
491874.88	3608377.58	597304.6585	0.49498	4.03201	2.60739E-05	0.49501
491886.76	3608431.91	388718.8886	0.32213	2.05662	1.32996E-05	0.32214
491890.73	3608422.29	390103.9893	0.32328	2.21408	1.43178E-05	0.32329
491896.39	3608409.84	385911.6877	0.31980	2.42670	1.56928E-05	0.31982
491900.35	3608397.38	386378.606	0.32019	2.69290	1.74142E-05	0.32021
491903.74	3608384.93	384883.2425	0.31895	3.01035	1.94671E-05	0.31897
491912.8	3608444.92	257671.8221	0.21353	1.56146	1.00975E-05	0.21354
491917.89	3608432.47	263360.5712	0.21825	1.71251	1.10743E-05	0.21826
491921.29	3608418.89	272794.7326	0.22606	1.91468	1.23817E-05	0.22608
491926.95	3608408.14	268804.5308	0.22276	2.05708	1.33026E-05	0.22277
491930.91	3608396.25	268530.5384	0.22253	2.25717	1.45965E-05	0.22254
491950.72	3608425.12	194646.6309	0.16130	1.54420	9.98592E-06	0.16131
491954.11	3608416.06	196618.6307	0.16294	1.64752	1.06541E-05	0.16295
491959.21	3608404.74	195737.5449	0.16221	1.77690	1.14907E-05	0.16222
491984.11	3608467.56	110109.8527	0.09125	0.91756	5.93361E-06	0.09125
491987.5	3608453.98	118307.1477	0.09804	1.01343	6.55357E-06	0.09805
491993.16	3608442.66	121481.4834	0.10067	1.08708	7.02985E-06	0.10068
491998.26	3608432.47	123421.6186	0.10228	1.15656	7.47916E-06	0.10229
492002.22	3608421.15	126246.5201	0.10462	1.24684	8.06297E-06	0.10463
492012.41	3608475.49	83621.49564	0.06930	0.77086	4.98494E-06	0.06930
492015.24	3608463.6	89538.12932	0.07420	0.83799	5.41905E-06	0.07421

492020.9	3608451.15	93343.85437	0.07735	0.90443	5.84870E-06	0.07736
492024.29	3608441.53	96373.73261	0.07986	0.96222	6.22241E-06	0.07987
492028.25	3608428.51	100102.7559	0.08295	1.04776	6.77558E-06	0.08296
492037.31	3608486.24	64997.07485	0.05386	0.64922	4.19833E-06	0.05387
492042.4	3608472.09	70003.93619	0.05801	0.70953	4.58834E-06	0.05802
492046.36	3608461.34	73396.40947	0.06082	0.75843	4.90456E-06	0.06083
492050.89	3608450.58	76111.04301	0.06307	0.80837	5.22751E-06	0.06308
492055.42	3608440.4	78120.56521	0.06474	0.85687	5.54114E-06	0.06474
492065.61	3608493.6	51730.61634	0.04287	0.56015	3.62234E-06	0.04287
492069	3608481.15	55673.63012	0.04614	0.60579	3.91748E-06	0.04614
492075.23	3608469.26	58198.33458	0.04823	0.64600	4.17750E-06	0.04823
492078.06	3608457.38	61580.37877	0.05103	0.69626	4.50252E-06	0.05104
492082.59	3608446.62	63614.62687	0.05272	0.73928	4.78072E-06	0.05272
491873.18	3608334.56	510026.4393	0.42266	7.44433	4.81404E-05	0.42270
491929.78	3608349.84	275582.9614	0.22837	3.59829	2.32692E-05	0.22840
491879.97	3608317.02	336657.7205	0.27899	7.99283	5.16874E-05	0.27904
491893.22	3608305.33	244539.0944	0.20265	7.09578	4.58865E-05	0.20269
491889.89	3608289.35	180966.3293	0.14997	7.41382	4.79431E-05	0.15001
491907.21	3608277.37	138377.9598	0.11467	6.01035	3.88673E-05	0.11471
491909.87	3608246.74	79154.74331	0.06559	4.98056	3.22079E-05	0.06563
491914.53	3608232.76	62103.64315	0.05146	4.32670	2.79796E-05	0.05149
491920.52	3608219.44	50060.99609	0.04149	3.72852	2.41113E-05	0.04151
491923.85	3608203.46	38703.0525	0.03207	3.15801	2.04220E-05	0.03209
491922.52	3608187.48	29639.67512	0.02456	2.68938	1.73915E-05	0.02458
491933.84	3608176.16	26152.75972	0.02167	2.31799	1.49898E-05	0.02169
491936.5	3608332.63	234523.5732	0.19435	3.92068	2.53540E-05	0.19437
491945.82	3608306.66	173169.8634	0.14350	4.13765	2.67570E-05	0.14353
491948.49	3608292.02	145064.0697	0.12021	4.17470	2.69966E-05	0.12024
491954.48	3608266.71	103224.5835	0.08554	3.92112	2.53568E-05	0.08557
491965.8	3608249.4	80108.96105	0.06639	3.44176	2.22569E-05	0.06641
491959.81	3608230.76	62686.59318	0.05195	3.27610	2.11856E-05	0.05197
491973.12	3608219.44	53627.38352	0.04444	2.85414	1.84569E-05	0.04446
491965.13	3608198.8	40196.10183	0.03331	2.57399	1.66453E-05	0.03333
491987.11	3608190.14	36888.98902	0.03057	2.21423	1.43188E-05	0.03058
491975.79	3608366.59	178873.4984	0.14823	2.25235	1.45653E-05	0.14825
491980.45	3608353.27	169371.4764	0.14036	2.42270	1.56669E-05	0.14037
491988.44	3608337.29	152041.2074	0.12600	2.55377	1.65145E-05	0.12601
491991.77	3608319.32	136973.1522	0.11351	2.73973	1.77171E-05	0.11353
492001.09	3608294.68	110325.6905	0.09143	2.77387	1.79379E-05	0.09144
492006.41	3608282.03	97363.99563	0.08068	2.72184	1.76014E-05	0.08070
492013.07	3608266.05	82663.1572	0.06850	2.61058	1.68819E-05	0.06852
492013.07	3608251.4	72289.32148	0.05991	2.56586	1.65927E-05	0.05992
492028.39	3608241.41	62887.85268	0.05211	2.30116	1.48810E-05	0.05213
492019.07	3608222.77	53476.99655	0.04432	2.28757	1.47931E-05	0.04433
492045.7	3608210.78	45452.49661	0.03767	1.92083	1.24215E-05	0.03768
492031.05	3608385.23	112727.5006	0.09342	1.43445	9.27619E-06	0.09343
492035.71	3608369.92	110781.352	0.09180	1.55699	1.00686E-05	0.09181
492027.06	3608353.27	117475.215	0.09735	1.81736	1.17524E-05	0.09736
492046.36	3608339.96	100944.5021	0.08365	1.75203	1.13299E-05	0.08366
492040.37	3608324.64	101087.0358	0.08377	1.94963	1.26077E-05	0.08378
492057.02	3608313.32	87983.27103	0.07291	1.84423	1.19261E-05	0.07292
492055.69	3608297.34	82983.20924	0.06877	1.94539	1.25803E-05	0.06878
492059.02	3608282.03	75410.62761	0.06249	1.96082	1.26801E-05	0.06250
492069.67	3608270.04	67070.83152	0.05558	1.86581	1.20657E-05	0.05559
492061.68	3608253.4	62148.13063	0.05150	1.94735	1.25930E-05	0.05151
492078.32	3608241.41	53934.29894	0.04469	1.76457	1.14110E-05	0.04471
492079.66	3608226.76	48297.83936	0.04002	1.71233	1.10732E-05	0.04004
492069.51	3608395.3	84466.80709	0.07000	1.11315	7.19844E-06	0.07000
492076.17	3608375.99	83704.79149	0.06937	1.22143	7.89865E-06	0.06937
492085.49	3608364.01	79670.90896	0.06602	1.25216	8.09737E-06	0.06603

492102.14	3608406.62	66659.39687	0.05524	0.89809	5.80770E-06	0.05525
492129.44	3608410.61	56135.98193	0.04652	0.78540	5.07897E-06	0.04652
492095.48	3608352.69	75074.61459	0.06221	1.26584	8.18584E-06	0.06222
492094.15	3608336.04	74769.00478	0.06196	1.37757	8.90837E-06	0.06197
492135.43	3608348.69	59822.0277	0.04957	1.06697	6.89980E-06	0.04958
492101.47	3608312.74	68685.98252	0.05692	1.44695	9.35703E-06	0.05693
492120.78	3608244.15	47515.56367	0.03938	1.43698	9.29255E-06	0.03939
492106.8	3608297.42	63920.32042	0.05297	1.46755	9.49024E-06	0.05298
492168.06	3608256.14	42321.71042	0.03507	1.15696	7.48174E-06	0.03508
491832.47	3608106.99	4180.27461	0.00346	0.82048	5.30582E-06	0.00347
491853.78	3608116.31	5792.22388	0.00480	1.01929	6.59147E-06	0.00481
491874.42	3608123.64	7782.89246	0.00645	1.19844	7.74998E-06	0.00646
491899.72	3608128.96	10460.46231	0.00867	1.34443	8.69406E-06	0.00868
491836.47	3608093.01	3710.77936	0.00308	0.68642	4.43889E-06	0.00308
491877.09	3608106.33	6350.14878	0.00526	0.95334	6.16499E-06	0.00527
491905.05	3608118.98	9510.661	0.00788	1.19114	7.70278E-06	0.00789
491907.71	3608101.66	7734.16153	0.00641	0.96262	6.22500E-06	0.00642
491883.74	3608091.01	5569.59303	0.00462	0.79462	5.13859E-06	0.00462
491848.45	3608065.04	3079.74148	0.00255	0.50327	3.25451E-06	0.00256
491853.12	3608053.06	2845.00857	0.00236	0.44410	2.87187E-06	0.00236
491873.09	3608063.05	3716.66742	0.00308	0.54139	3.50102E-06	0.00308
491909.71	3608072.37	5512.02895	0.00457	0.67690	4.37733E-06	0.00457
491921.03	3608059.05	5157.77157	0.00427	0.59639	3.85669E-06	0.00428
491925.69	3608040.41	4365.67123	0.00362	0.49036	3.17102E-06	0.00362
491856.44	3608031.75	2391.11038	0.00198	0.35189	2.27558E-06	0.00198
491867.1	3608010.44	2147.01462	0.00178	0.29200	1.88828E-06	0.00178
491875.09	3607976.49	1718.34971	0.00142	0.21562	1.39436E-06	0.00143
491918.37	3607991.8	2607.50294	0.00216	0.28963	1.87296E-06	0.00216
491945	3608000.46	3347.42556	0.00277	0.34252	2.21498E-06	0.00278
491935.09	3608141.53	15811.72963	0.01310	1.58326	1.02385E-05	0.01311
491960.9	3608152.59	20885.93528	0.01731	1.72935	1.11832E-05	0.01732
491988.54	3608164.57	26680.53337	0.02211	1.81216	1.17187E-05	0.02212
491946.15	3608114.81	11726.3336	0.00972	1.17209	7.57958E-06	0.00973
491988.54	3608129.55	17191.33706	0.01425	1.33436	8.62894E-06	0.01425
492018.04	3608107.44	14609.94337	0.01211	1.06121	6.86255E-06	0.01211
491955.37	3608089	8955.75981	0.00742	0.88806	5.74284E-06	0.00743
491963.66	3608059.51	6685.43509	0.00554	0.65486	4.23480E-06	0.00554
491984.86	3608059.51	7477.34499	0.00620	0.67462	4.36258E-06	0.00620
492031.86	3608066.89	9871.96109	0.00818	0.74218	4.79947E-06	0.00819
492020.8	3608040.16	7216.79234	0.00598	0.58284	3.76907E-06	0.00598
491977.49	3608027.26	5172.79373	0.00429	0.48467	3.13423E-06	0.00429
491983.94	3608007.9	4445.64427	0.00368	0.40747	2.63500E-06	0.00369
492044.76	3608018.04	6426.81543	0.00533	0.49104	3.17542E-06	0.00533
492048.45	3608001.45	5605.04851	0.00464	0.42857	2.77144E-06	0.00465
491999.6	3607989.47	4066.56556	0.00337	0.35545	2.29860E-06	0.00337
492038.31	3608171.95	30870.0028	0.02558	1.63629	1.05814E-05	0.02559
492047.53	3608155.36	26046.82328	0.02158	1.43556	9.28337E-06	0.02159
492086.23	3608187.61	34800.01113	0.02884	1.48031	9.57276E-06	0.02885
492095.45	3608171.03	29921.10786	0.02480	1.33609	8.64013E-06	0.02480
492053.98	3608123.1	18782.21306	0.01556	1.13753	7.35609E-06	0.01557
492109.27	3608145.22	23826.16581	0.01974	1.13313	7.32764E-06	0.01975
492058.59	3608100.06	14968.14869	0.01240	0.95426	6.17094E-06	0.01241
492123.1	3608113.89	18276.37331	0.01515	0.92760	5.99853E-06	0.01515
492135.08	3608094.53	15629.64783	0.01295	0.81189	5.25027E-06	0.01296
492076.1	3608065.04	11034.36032	0.00914	0.72072	4.66070E-06	0.00915
492085.31	3608030.02	8189.43118	0.00679	0.55127	3.56491E-06	0.00679
492139.69	3608065.96	12391.12724	0.01027	0.68060	4.40125E-06	0.01027
492139.69	3608212.5	37320.35401	0.03093	1.27558	8.24883E-06	0.03094
492183.92	3608227.24	35481.27135	0.02940	1.08028	6.98587E-06	0.02941
492143.37	3608192.22	32542.94347	0.02697	1.20370	7.78400E-06	0.02698

492194.98	3608204.2	30785.83068	0.02551	1.01145	6.54077E-06	0.02552
492203.28	3608183.01	27032.74153	0.02240	0.94695	6.12367E-06	0.02241
492151.67	3608153.52	24592.58173	0.02038	1.03352	6.68349E-06	0.02039
492197.75	3608162.73	24382.24963	0.02021	0.91938	5.94538E-06	0.02021
492159.04	3608135.08	21371.48879	0.01771	0.93915	6.07323E-06	0.01772
492164.57	3608118.49	18861.03342	0.01563	0.86053	5.56481E-06	0.01564
492219.86	3608141.53	20767.73595	0.01721	0.80792	5.22460E-06	0.01722
492223.55	3608114.81	17605.82478	0.01459	0.73113	4.72802E-06	0.01459
492231.84	3608098.22	15772.55758	0.01307	0.67306	4.35249E-06	0.01307
492170.1	3608097.3	16098.24566	0.01334	0.76825	4.96806E-06	0.01335
492180.24	3608077.94	13955.35376	0.01156	0.68315	4.41774E-06	0.01157
492183.92	3608055.83	11864.67278	0.00983	0.60414	3.90681E-06	0.00984
492218.94	3608068.73	13103.09219	0.01086	0.60903	3.93843E-06	0.01086
492246.59	3608230.01	29459.61125	0.02441	0.84615	5.47182E-06	0.02442
492239.22	3608207.89	27744.96499	0.02299	0.86205	5.57464E-06	0.02300
492241.98	3608194.07	25986.19077	0.02153	0.84196	5.44472E-06	0.02154
492246.59	3608176.56	23745.69812	0.01968	0.80800	5.22511E-06	0.01968
492257.65	3608163.65	21811.33647	0.01807	0.76159	4.92499E-06	0.01808
492261.34	3608145.22	19794.15036	0.01640	0.72336	4.67777E-06	0.01641
492266.87	3608124.02	17592.10804	0.01458	0.67343	4.35489E-06	0.01458
492272.39	3608108.36	16065.59041	0.01331	0.63341	4.09609E-06	0.01332
492277.92	3608094.53	14809.70621	0.01227	0.59758	3.86439E-06	0.01228
492285.3	3608081.63	13701.00363	0.01135	0.56237	3.63669E-06	0.01136
491685.34	3608168.26	1905.1755	0.00158	0.95379	6.16790E-06	0.00158
491689.95	3608145.22	1616.14261	0.00134	0.68053	4.40080E-06	0.00134
491694.56	3608131.4	1490.70102	0.00124	0.57313	3.70627E-06	0.00124
491698.24	3608118.49	1381.51988	0.00114	0.49193	3.18118E-06	0.00115
491701.01	3608105.59	1277.01571	0.00106	0.42458	2.74564E-06	0.00106
491703.77	3608093.61	1191.86472	0.00099	0.37342	2.41480E-06	0.00099
491707.46	3608079.79	1107.7138	0.00092	0.32522	2.10311E-06	0.00092
491713.91	3608070.57	1083.94065	0.00090	0.30182	1.95179E-06	0.00090
491715.75	3608058.59	1012.41747	0.00084	0.26913	1.74039E-06	0.00084
491720.36	3608046.61	964.20218	0.00080	0.24322	1.57284E-06	0.00080
491732.34	3608014.36	849.87505	0.00070	0.18861	1.21969E-06	0.00071
491735.11	3608002.37	804.64468	0.00067	0.17194	1.11189E-06	0.00067
491735.11	3607991.32	754.55705	0.00063	0.15735	1.01754E-06	0.00063
491744.32	3607980.26	748.06203	0.00062	0.14774	9.55394E-07	0.00062
491747.09	3607967.35	707.05832	0.00059	0.13494	8.72620E-07	0.00059
491755.38	3607954.45	690.7191	0.00057	0.12526	8.10022E-07	0.00057
491759.07	3607939.71	651.23376	0.00054	0.11385	7.36237E-07	0.00054
491636.5	3608156.28	1317.55011	0.00109	0.61405	3.97089E-06	0.00110
491618.06	3608148.91	1155.56399	0.00096	0.50736	3.28096E-06	0.00096
491598.71	3608143.38	1035.22776	0.00086	0.42946	2.77720E-06	0.00086
491579.36	3608134.16	915.03025	0.00076	0.35221	2.27765E-06	0.00076
491565.53	3608132.32	865.75646	0.00072	0.32156	2.07944E-06	0.00072
491548.94	3608123.1	781.22765	0.00065	0.27180	1.75766E-06	0.00065
491654.01	3608119.42	1093.05063	0.00091	0.41940	2.71214E-06	0.00091
491663.22	3608133.24	1261.55124	0.00105	0.51410	3.32454E-06	0.00105
491657.69	3608106.51	1016.55434	0.00084	0.36746	2.37626E-06	0.00084
491663.22	3608094.53	961.6658	0.00080	0.32912	2.12833E-06	0.00080
491674.28	3608094.53	1013.91396	0.00084	0.34110	2.20580E-06	0.00084
491681.65	3608086.24	996.05117	0.00083	0.31991	2.06877E-06	0.00083
491686.26	3608072.42	932.10878	0.00077	0.28186	1.82271E-06	0.00077
491663.22	3608078.87	868.71747	0.00072	0.28068	1.81508E-06	0.00072
491671.52	3608072.42	865.98489	0.00072	0.27000	1.74602E-06	0.00072
491676.12	3608058.59	812.08348	0.00067	0.23991	1.55143E-06	0.00067
491678.89	3608048.45	773.86256	0.00064	0.22037	1.42507E-06	0.00064
491690.87	3608053.98	850.17689	0.00070	0.23929	1.54742E-06	0.00071
491695.48	3608035.55	779.20615	0.00065	0.20522	1.32710E-06	0.00065
491701.93	3608024.49	755.88226	0.00063	0.18973	1.22693E-06	0.00063

491624.52	3608121.26	982.59795	0.00081	0.38106	2.46421E-06	0.00082
491615.3	3608116.65	923.03046	0.00076	0.34920	2.25818E-06	0.00077
491603.32	3608112.97	867.25904	0.00072	0.31999	2.06929E-06	0.00072
491590.42	3608107.44	806.51646	0.00067	0.28739	1.85847E-06	0.00067
491582.12	3608104.67	774.91834	0.00064	0.27053	1.74944E-06	0.00064
491567.38	3608101.91	732.68088	0.00061	0.24793	1.60330E-06	0.00061
491553.55	3608094.53	678.74608	0.00056	0.21986	1.42177E-06	0.00056
491560	3608079.79	637.30235	0.00053	0.20076	1.29826E-06	0.00053
491571.98	3608083.47	669.156	0.00055	0.21644	1.39966E-06	0.00056
491585.81	3608088.08	711.15424	0.00059	0.23709	1.53320E-06	0.00059
491599.63	3608094.53	766.78998	0.00064	0.26452	1.71058E-06	0.00064
491614.38	3608097.3	814.843	0.00068	0.28675	1.85433E-06	0.00068
491626.36	3608102.83	877.45895	0.00073	0.31637	2.04588E-06	0.00073
491630.97	3608077.94	763.464	0.00063	0.25250	1.63285E-06	0.00063
491613.46	3608071.49	696.20751	0.00058	0.22558	1.45876E-06	0.00058
491635.57	3608062.28	706.00578	0.00059	0.22214	1.43652E-06	0.00059
491647.56	3608065.04	748.59786	0.00062	0.23548	1.52278E-06	0.00062
491568.3	3608046.61	544.90445	0.00045	0.16037	1.03707E-06	0.00045
491556.32	3608038.32	510.16707	0.00042	0.14559	9.41491E-07	0.00042
491572.91	3608032.79	512.18472	0.00042	0.14698	9.50479E-07	0.00043
491594.1	3608048.45	581.94028	0.00048	0.17577	1.13666E-06	0.00048
491589.49	3608035.55	537.61888	0.00045	0.15714	1.01618E-06	0.00045
491608.85	3608039.24	573.67335	0.00048	0.17041	1.10199E-06	0.00048
491612.53	3608025.41	537.6352	0.00045	0.15465	1.00008E-06	0.00045
491625.44	3608040.16	603.03153	0.00050	0.17932	1.15961E-06	0.00050
491636.5	3608029.1	586.7769	0.00049	0.16872	1.09107E-06	0.00049
491654.01	3608027.26	616.81819	0.00051	0.17328	1.12055E-06	0.00051
491643.87	3608011.59	547.07422	0.00045	0.14986	9.69103E-07	0.00045
491667.83	3608015.28	609.90493	0.00051	0.16255	1.05117E-06	0.00051
491689.03	3607995	601.27188	0.00050	0.14560	9.41555E-07	0.00050
491681.65	3607976.57	528.80566	0.00044	0.12538	8.10798E-07	0.00044
491704.69	3607986.71	621.67149	0.00052	0.14150	9.15042E-07	0.00052
491713.91	3607971.96	603.37593	0.00050	0.12953	8.37635E-07	0.00050
491725.89	3607958.14	598.23444	0.00050	0.12042	7.78723E-07	0.00050
491711.15	3607949.84	531.94139	0.00044	0.11043	7.14120E-07	0.00044
491729.58	3607943.39	565.80717	0.00047	0.10966	7.09141E-07	0.00047
491714.83	3607935.1	504.2339	0.00042	0.10089	6.52428E-07	0.00042
491724.97	3607923.12	500.55027	0.00041	0.09521	6.15697E-07	0.00042
491737.87	3607928.65	548.86938	0.00045	0.10112	6.53915E-07	0.00046
491735.11	3607910.22	495.12574	0.00041	0.08948	5.78643E-07	0.00041
491558.16	3608010.67	446.76664	0.00037	0.12114	7.83379E-07	0.00037
491579.36	3607998.69	437.37975	0.00036	0.11796	7.62815E-07	0.00036
491595.95	3608003.3	462.03995	0.00038	0.12660	8.18687E-07	0.00038
491613.46	3607995.92	463.12885	0.00038	0.12513	8.09181E-07	0.00038
491599.63	3607983.94	423.43448	0.00035	0.11194	7.23885E-07	0.00035
491623.59	3607979.33	437.88119	0.00036	0.11409	7.37789E-07	0.00036
491640.18	3607983.02	467.47351	0.00039	0.12094	7.82086E-07	0.00039
491660.46	3607968.28	466.12239	0.00039	0.11369	7.35202E-07	0.00039
491659.54	3607951.69	429.57667	0.00036	0.10173	6.57860E-07	0.00036
491677.05	3607950.77	457.63343	0.00038	0.10432	6.74609E-07	0.00038
491682.58	3607937.86	441.04738	0.00037	0.09695	6.26949E-07	0.00037
491670.6	3607928.65	403.26628	0.00033	0.08970	5.80065E-07	0.00033
491694.56	3607921.27	430.62047	0.00036	0.08923	5.77026E-07	0.00036
491682.58	3607913.9	396.2858	0.00033	0.08368	5.41136E-07	0.00033
491682.58	3607901.92	376.39613	0.00031	0.07800	5.04405E-07	0.00031
491705.62	3607902.84	416.61693	0.00035	0.08134	5.26003E-07	0.00035
491561.62	3607964.09	361.52381	0.00030	0.09104	5.88731E-07	0.00030
491578.12	3607959.66	363.39121	0.00030	0.09175	5.93322E-07	0.00030
491573.42	3607943.99	336.42249	0.00028	0.08283	5.35639E-07	0.00028
491600.84	3607959.66	378.65901	0.00031	0.09601	6.20870E-07	0.00031

491591.44	3607944.77	347.74317	0.00029	0.08613	5.56979E-07	0.00029
491603.97	3607934.59	340.58815	0.00028	0.08299	5.36674E-07	0.00028
491615.72	3607947.91	370.81638	0.00031	0.09183	5.93839E-07	0.00031
491636.09	3607933.02	366.04732	0.00030	0.08695	5.62282E-07	0.00030
491625.12	3607917.35	332.03167	0.00028	0.07785	5.03435E-07	0.00028
491644.71	3607918.92	353.35695	0.00029	0.08111	5.24516E-07	0.00029
491642.36	3607896.99	320.10969	0.00027	0.07132	4.61207E-07	0.00027
491658.03	3607905.6	348.86545	0.00029	0.07669	4.95933E-07	0.00029
491665.08	3607887.59	331.99941	0.00028	0.07005	4.52994E-07	0.00028
491647.06	3607883.67	307.77096	0.00026	0.06677	4.31783E-07	0.00026
491564.8	3607922.84	303.4827	0.00025	0.07232	4.67674E-07	0.00025
491587.52	3607913.44	301.75849	0.00025	0.07149	4.62306E-07	0.00025
491573.42	3607903.25	283.1073	0.00023	0.06604	4.27063E-07	0.00024
491607.11	3607896.2	291.63159	0.00024	0.06721	4.34629E-07	0.00024
491603.97	3607878.97	270.49998	0.00022	0.06106	3.94858E-07	0.00022
491621.99	3607877.4	279.96461	0.00023	0.06223	4.02424E-07	0.00023
491892.25	3607962.79	1729.53705	0.00143	0.20211	1.30699E-06	0.00143
491943.96	3607975.32	2655.68093	0.00220	0.26865	1.73729E-06	0.00220
491586.79	3608712.31	8409.91149	0.00697	0.25537	1.65141E-06	0.00697
491579.14	3608732.72	7291.76171	0.00604	0.22345	1.44499E-06	0.00604
491579.14	3608751.86	6533.0195	0.00541	0.19896	1.28662E-06	0.00542
491563.83	3608778.64	5465.98803	0.00453	0.17032	1.10141E-06	0.00453
491558.73	3608797.78	4905.57279	0.00407	0.15360	9.93289E-07	0.00407
491545.97	3608824.57	4212.34249	0.00349	0.13396	8.66283E-07	0.00349
491543.42	3608838.6	3929.01444	0.00326	0.12516	8.09375E-07	0.00326
491534.49	3608869.21	3382.56676	0.00280	0.10868	7.02804E-07	0.00280
491635.26	3608725.07	8556.303	0.00709	0.23968	1.54994E-06	0.00709
491665.88	3608731.45	8360.83188	0.00693	0.23355	1.51030E-06	0.00693
491654.4	3608756.96	6906.22993	0.00572	0.19926	1.28856E-06	0.00572
491627.61	3608748.03	7224.74672	0.00599	0.20756	1.34223E-06	0.00599
491621.23	3608764.61	6439.38955	0.00534	0.18774	1.21406E-06	0.00534
491651.85	3608772.27	6214.64483	0.00515	0.18240	1.17953E-06	0.00515
491635.26	3608823.29	4517.60807	0.00374	0.13801	8.92473E-07	0.00374
491608.48	3608810.54	4835.62481	0.00401	0.14544	9.40521E-07	0.00401
491603.37	3608829.67	4336.69451	0.00359	0.13187	8.52767E-07	0.00359
491627.61	3608838.6	4143.13594	0.00343	0.12751	8.24572E-07	0.00343
491622.51	3608866.66	3564.66602	0.00295	0.11155	7.21363E-07	0.00295
491590.62	3608859.01	3701.20145	0.00307	0.11431	7.39211E-07	0.00307
491586.79	3608875.59	3404.77827	0.00282	0.10597	6.85279E-07	0.00282
491617.41	3608884.52	3257.20091	0.00270	0.10280	6.64779E-07	0.00270
491707.97	3608753.13	7153.25801	0.00593	0.20753	1.34204E-06	0.00593
491702.87	3608768.44	6396.431	0.00530	0.18982	1.22751E-06	0.00530
491696.49	3608791.4	5468.59705	0.00453	0.16695	1.07962E-06	0.00453
491688.84	3608805.43	4998.74356	0.00414	0.15457	9.99562E-07	0.00414
491683.74	3608834.77	4189.63762	0.00347	0.13298	8.59945E-07	0.00347
491674.81	3608851.36	3820.01121	0.00317	0.12236	7.91269E-07	0.00317
491669.71	3608874.32	3379.43532	0.00280	0.10986	7.10434E-07	0.00280
491667.15	3608903.66	2914.7126	0.00242	0.09656	6.24427E-07	0.00242
491741.14	3608758.23	6978.56924	0.00578	0.20192	1.30576E-06	0.00578
491733.49	3608772.27	6281.67673	0.00521	0.18683	1.20818E-06	0.00521
491727.11	3608797.78	5275.56965	0.00437	0.16283	1.05298E-06	0.00437
491720.73	3608809.26	4893.44238	0.00406	0.15316	9.90444E-07	0.00406
491711.8	3608833.5	4219.16689	0.00350	0.13521	8.74366E-07	0.00350
491706.7	3608855.18	3729.43269	0.00309	0.12169	7.86936E-07	0.00309
491701.6	3608871.77	3409.51209	0.00283	0.11253	7.27701E-07	0.00283
491699.05	3608899.83	2955.05305	0.00245	0.09935	6.42469E-07	0.00245
491778.13	3608770.99	6583.73997	0.00546	0.18625	1.20443E-06	0.00546
491773.03	3608791.4	5700.1801	0.00472	0.16812	1.08719E-06	0.00472
491762.83	3608811.81	4952.10555	0.00410	0.15217	9.84042E-07	0.00410
491760.28	3608828.39	4468.7311	0.00370	0.14044	9.08187E-07	0.00370

491755.17	3608851.36	3900.00547	0.00323	0.12606	8.15195E-07	0.00323
491747.52	3608869.21	3518.43567	0.00292	0.11604	7.50399E-07	0.00292
491738.59	3608884.52	3229.67762	0.00268	0.10809	6.98988E-07	0.00268

Moss Street

2020 **No Mitigation** **at Sensitive Receptors**

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)
491856.94	3608423.76	631633.5918	0.36850	2.71215	3.06021E-05	0.36853
491770.82	3608296.56	83768.45212	0.04887	40.63129	4.58456E-04	0.04933
491786.69	3608300.4	169029.1196	0.09861	37.16311	4.19323E-04	0.09903
491777.07	3608270.58	37629.84601	0.02195	18.63654	2.10282E-04	0.02216
491794.39	3608275.87	71537.09153	0.04173	18.30192	2.06507E-04	0.04194
491789.88	3608254.44	30952.91267	0.01806	11.83867	1.33580E-04	0.01819
491793.88	3608239.79	22440.86907	0.01309	8.50172	9.59277E-05	0.01319
491796.54	3608225.81	16889.37505	0.00985	6.29229	7.09980E-05	0.00992
491799.2	3608213.16	13520.08898	0.00789	4.82803	5.44762E-05	0.00794
491804.53	3608198.51	11109.97723	0.00648	3.60052	4.06258E-05	0.00652
491835.16	3608317.03	396533.5888	0.23134	17.47807	1.97211E-04	0.23154
491837.82	3608303.71	271820.1418	0.15858	16.36569	1.84659E-04	0.15876
491843.81	3608287.73	172647.9047	0.10072	13.10984	1.47923E-04	0.10087
491851.14	3608274.41	123009.1203	0.07176	10.45869	1.18009E-04	0.07188
491863.07	3608247.22	66875.79104	0.03902	6.89013	7.77436E-05	0.03909
491867.68	3608231.55	48552.36905	0.02833	5.50992	6.21702E-05	0.02839
491875.05	3608218.65	39141.4192	0.02284	4.51933	5.09931E-05	0.02289
491878.74	3608195.61	25762.88386	0.01503	3.29514	3.71801E-05	0.01507
491885.19	3608177.18	19590.4194	0.01143	2.54421	2.87071E-05	0.01146
491807.78	3608183.63	8991.73281	0.00525	2.70752	3.05498E-05	0.00528
491812.39	3608167.97	7461.70142	0.00435	2.04387	2.30616E-05	0.00438
491819.76	3608146.77	6015.00085	0.00351	1.44327	1.62849E-05	0.00353
491840.03	3608155.06	8586.85941	0.00501	1.76573	1.99233E-05	0.00503
491868.6	3608170.73	15061.64567	0.00879	2.33746	2.63743E-05	0.00881
491865.26	3608414.36	589528.9513	0.34393	2.83789	3.20208E-05	0.34396
491867.52	3608403.04	603276.5021	0.35195	3.15933	3.56477E-05	0.35199
491872.05	3608392.29	591456.4074	0.34506	3.45016	3.89293E-05	0.34509
491874.88	3608377.58	597304.6585	0.34847	4.03201	4.54945E-05	0.34851
491886.76	3608431.91	388718.8886	0.22678	2.05662	2.32055E-05	0.22680
491890.73	3608422.29	390103.9893	0.22759	2.21408	2.49822E-05	0.22761
491896.39	3608409.84	385911.6877	0.22514	2.42670	2.73812E-05	0.22517
491900.35	3608397.38	386378.606	0.22541	2.69290	3.03849E-05	0.22544
491903.74	3608384.93	384883.2425	0.22454	3.01035	3.39668E-05	0.22458
491912.8	3608444.92	257671.8221	0.15033	1.56146	1.76185E-05	0.15034
491917.89	3608432.47	263360.5712	0.15364	1.71251	1.93228E-05	0.15366

491921.29	3608418.89	272794.7326	0.15915	1.91468	2.16040E-05	0.15917
491926.95	3608408.14	268804.5308	0.15682	2.05708	2.32107E-05	0.15684
491930.91	3608396.25	268530.5384	0.15666	2.25717	2.54684E-05	0.15669
491950.72	3608425.12	194646.6309	0.11356	1.54420	1.74237E-05	0.11357
491954.11	3608416.06	196618.6307	0.11471	1.64752	1.85895E-05	0.11473
491959.21	3608404.74	195737.5449	0.11419	1.77690	2.00493E-05	0.11421
491984.11	3608467.56	110109.8527	0.06424	0.91756	1.03531E-05	0.06425
491987.5	3608453.98	118307.1477	0.06902	1.01343	1.14349E-05	0.06903
491993.16	3608442.66	121481.4834	0.07087	1.08708	1.22659E-05	0.07088
491998.26	3608432.47	123421.6186	0.07200	1.15656	1.30498E-05	0.07202
492002.22	3608421.15	126246.5201	0.07365	1.24684	1.40685E-05	0.07367
492012.41	3608475.49	83621.49564	0.04878	0.77086	8.69786E-06	0.04879
492015.24	3608463.6	89538.12932	0.05224	0.83799	9.45531E-06	0.05225
492020.9	3608451.15	93343.85437	0.05446	0.90443	1.02050E-05	0.05447
492024.29	3608441.53	96373.73261	0.05622	0.96222	1.08570E-05	0.05624
492028.25	3608428.51	100102.7559	0.05840	1.04776	1.18222E-05	0.05841
492037.31	3608486.24	64997.07485	0.03792	0.64922	7.32536E-06	0.03793
492042.4	3608472.09	70003.93619	0.04084	0.70953	8.00586E-06	0.04085
492046.36	3608461.34	73396.40947	0.04282	0.75843	8.55761E-06	0.04283
492050.89	3608450.58	76111.04301	0.04440	0.80837	9.12110E-06	0.04441
492055.42	3608440.4	78120.56521	0.04558	0.85687	9.66834E-06	0.04559
492065.61	3608493.6	51730.61634	0.03018	0.56015	6.32035E-06	0.03019
492069	3608481.15	55673.63012	0.03248	0.60579	6.83533E-06	0.03249
492075.23	3608469.26	58198.33458	0.03395	0.64600	7.28903E-06	0.03396
492078.06	3608457.38	61580.37877	0.03593	0.69626	7.85613E-06	0.03593
492082.59	3608446.62	63614.62687	0.03711	0.73928	8.34154E-06	0.03712
491873.18	3608334.56	510026.4393	0.29755	7.44433	8.39968E-05	0.29763
491929.78	3608349.84	275582.9614	0.16078	3.59829	4.06007E-05	0.16082
491879.97	3608317.02	336657.7205	0.19641	7.99283	9.01857E-05	0.19650
491893.22	3608305.33	244539.0944	0.14266	7.09578	8.00640E-05	0.14274
491889.89	3608289.35	180966.3293	0.10558	7.41382	8.36525E-05	0.10566
491907.21	3608277.37	138377.9598	0.08073	6.01035	6.78167E-05	0.08080
491909.87	3608246.74	79154.74331	0.04618	4.98056	5.61973E-05	0.04624
491914.53	3608232.76	62103.64315	0.03623	4.32670	4.88196E-05	0.03628
491920.52	3608219.44	50060.99609	0.02921	3.72852	4.20701E-05	0.02925
491923.85	3608203.46	38703.0525	0.02258	3.15801	3.56329E-05	0.02262
491922.52	3608187.48	29639.67512	0.01729	2.68938	3.03451E-05	0.01732
491933.84	3608176.16	26152.75972	0.01526	2.31799	2.61546E-05	0.01528
491936.5	3608332.63	234523.5732	0.13682	3.92068	4.42383E-05	0.13687
491945.82	3608306.66	173169.8634	0.10103	4.13765	4.66865E-05	0.10107
491948.49	3608292.02	145064.0697	0.08463	4.17470	4.71045E-05	0.08468
491954.48	3608266.71	103224.5835	0.06022	3.92112	4.42433E-05	0.06027
491965.8	3608249.4	80108.96105	0.04674	3.44176	3.88345E-05	0.04677
491959.81	3608230.76	62686.59318	0.03657	3.27610	3.69653E-05	0.03661

491973.12	3608219.44	53627.38352	0.03129	2.85414	3.22042E-05	0.03132
491965.13	3608198.8	40196.10183	0.02345	2.57399	2.90432E-05	0.02348
491987.11	3608190.14	36888.98902	0.02152	2.21423	2.49839E-05	0.02155
491975.79	3608366.59	178873.4984	0.10435	2.25235	2.54140E-05	0.10438
491980.45	3608353.27	169371.4764	0.09881	2.42270	2.73361E-05	0.09884
491988.44	3608337.29	152041.2074	0.08870	2.55377	2.88150E-05	0.08873
491991.77	3608319.32	136973.1522	0.07991	2.73973	3.09133E-05	0.07994
492001.09	3608294.68	110325.6905	0.06436	2.77387	3.12985E-05	0.06440
492006.41	3608282.03	97363.99563	0.05680	2.72184	3.07114E-05	0.05683
492013.07	3608266.05	82663.1572	0.04823	2.61058	2.94560E-05	0.04826
492013.07	3608251.4	72289.32148	0.04217	2.56586	2.89514E-05	0.04220
492028.39	3608241.41	62887.85268	0.03669	2.30116	2.59647E-05	0.03671
492019.07	3608222.77	53476.99655	0.03120	2.28757	2.58114E-05	0.03122
492045.7	3608210.78	45452.49661	0.02652	1.92083	2.16733E-05	0.02654
492031.05	3608385.23	112727.5006	0.06577	1.43445	1.61854E-05	0.06578
492035.71	3608369.92	110781.352	0.06463	1.55699	1.75680E-05	0.06465
492027.06	3608353.27	117475.215	0.06854	1.81736	2.05059E-05	0.06856
492046.36	3608339.96	100944.5021	0.05889	1.75203	1.97687E-05	0.05891
492040.37	3608324.64	101087.0358	0.05897	1.94963	2.19983E-05	0.05900
492057.02	3608313.32	87983.27103	0.05133	1.84423	2.08090E-05	0.05135
492055.69	3608297.34	82983.20924	0.04841	1.94539	2.19505E-05	0.04843
492059.02	3608282.03	75410.62761	0.04399	1.96082	2.21246E-05	0.04402
492069.67	3608270.04	67070.83152	0.03913	1.86581	2.10525E-05	0.03915
492061.68	3608253.4	62148.13063	0.03626	1.94735	2.19726E-05	0.03628
492078.32	3608241.41	53934.29894	0.03147	1.76457	1.99102E-05	0.03149
492079.66	3608226.76	48297.83936	0.02818	1.71233	1.93208E-05	0.02820
492069.51	3608395.3	84466.80709	0.04928	1.11315	1.25600E-05	0.04929
492076.17	3608375.99	83704.79149	0.04883	1.22143	1.37818E-05	0.04885
492085.49	3608364.01	79670.90896	0.04648	1.25216	1.41285E-05	0.04649
492102.14	3608406.62	66659.39687	0.03889	0.89809	1.01334E-05	0.03890
492129.44	3608410.61	56135.98193	0.03275	0.78540	8.86192E-06	0.03276
492095.48	3608352.69	75074.61459	0.04380	1.26584	1.42829E-05	0.04381
492094.15	3608336.04	74769.00478	0.04362	1.37757	1.55436E-05	0.04364
492135.43	3608348.69	59822.0277	0.03490	1.06697	1.20390E-05	0.03491
492101.47	3608312.74	68685.98252	0.04007	1.44695	1.63264E-05	0.04009
492120.78	3608244.15	47515.56367	0.02772	1.43698	1.62139E-05	0.02774
492106.8	3608297.42	63920.32042	0.03729	1.46755	1.65588E-05	0.03731
492168.06	3608256.14	42321.71042	0.02469	1.15696	1.30544E-05	0.02470
491832.47	3608106.99	4180.27461	0.00244	0.82048	9.25774E-06	0.00245
491853.78	3608116.31	5792.22388	0.00338	1.01929	1.15010E-05	0.00339
491874.42	3608123.64	7782.89246	0.00454	1.19844	1.35224E-05	0.00455
491899.72	3608128.96	10460.46231	0.00610	1.34443	1.51696E-05	0.00612
491836.47	3608093.01	3710.77936	0.00216	0.68642	7.74510E-06	0.00217
491877.09	3608106.33	6350.14878	0.00370	0.95334	1.07568E-05	0.00372

491905.05	3608118.98	9510.661	0.00555	1.19114	1.34400E-05	0.00556
491907.71	3608101.66	7734.16153	0.00451	0.96262	1.08616E-05	0.00452
491883.74	3608091.01	5569.59303	0.00325	0.79462	8.96596E-06	0.00326
491848.45	3608065.04	3079.74148	0.00180	0.50327	5.67856E-06	0.00180
491853.12	3608053.06	2845.00857	0.00166	0.44410	5.01092E-06	0.00166
491873.09	3608063.05	3716.66742	0.00217	0.54139	6.10868E-06	0.00217
491909.71	3608072.37	5512.02895	0.00322	0.67690	7.63768E-06	0.00322
491921.03	3608059.05	5157.77157	0.00301	0.59639	6.72926E-06	0.00302
491925.69	3608040.41	4365.67123	0.00255	0.49036	5.53289E-06	0.00255
491856.44	3608031.75	2391.11038	0.00139	0.35189	3.97049E-06	0.00140
491867.1	3608010.44	2147.01462	0.00125	0.29200	3.29473E-06	0.00126
491875.09	3607976.49	1718.34971	0.00100	0.21562	2.43291E-06	0.00100
491918.37	3607991.8	2607.50294	0.00152	0.28963	3.26799E-06	0.00152
491945	3608000.46	3347.42556	0.00195	0.34252	3.86476E-06	0.00196
491935.09	3608141.53	15811.72963	0.00922	1.58326	1.78644E-05	0.00924
491960.9	3608152.59	20885.93528	0.01218	1.72935	1.95128E-05	0.01220
491988.54	3608164.57	26680.53337	0.01557	1.81216	2.04472E-05	0.01559
491946.15	3608114.81	11726.3336	0.00684	1.17209	1.32251E-05	0.00685
491988.54	3608129.55	17191.33706	0.01003	1.33436	1.50560E-05	0.01004
492018.04	3608107.44	14609.94337	0.00852	1.06121	1.19740E-05	0.00854
491955.37	3608089	8955.75981	0.00522	0.88806	1.00203E-05	0.00523
491963.66	3608059.51	6685.43509	0.00390	0.65486	7.38900E-06	0.00391
491984.86	3608059.51	7477.34499	0.00436	0.67462	7.61196E-06	0.00437
492031.86	3608066.89	9871.96109	0.00576	0.74218	8.37426E-06	0.00577
492020.8	3608040.16	7216.79234	0.00421	0.58284	6.57637E-06	0.00422
491977.49	3608027.26	5172.79373	0.00302	0.48467	5.46869E-06	0.00302
491983.94	3608007.9	4445.64427	0.00259	0.40747	4.59762E-06	0.00260
492044.76	3608018.04	6426.81543	0.00375	0.49104	5.54056E-06	0.00375
492048.45	3608001.45	5605.04851	0.00327	0.42857	4.83569E-06	0.00327
491999.6	3607989.47	4066.56556	0.00237	0.35545	4.01066E-06	0.00238
492038.31	3608171.95	30870.0028	0.01801	1.63629	1.84628E-05	0.01803
492047.53	3608155.36	26046.82328	0.01520	1.43556	1.61979E-05	0.01521
492086.23	3608187.61	34800.01113	0.02030	1.48031	1.67028E-05	0.02032
492095.45	3608171.03	29921.10786	0.01746	1.33609	1.50755E-05	0.01747
492053.98	3608123.1	18782.21306	0.01096	1.13753	1.28351E-05	0.01097
492109.27	3608145.22	23826.16581	0.01390	1.13313	1.27855E-05	0.01391
492058.59	3608100.06	14968.14869	0.00873	0.95426	1.07672E-05	0.00874
492123.1	3608113.89	18276.37331	0.01066	0.92760	1.04664E-05	0.01067
492135.08	3608094.53	15629.64783	0.00912	0.81189	9.16082E-06	0.00913
492076.1	3608065.04	11034.36032	0.00644	0.72072	8.13212E-06	0.00645
492085.31	3608030.02	8189.43118	0.00478	0.55127	6.22016E-06	0.00478
492139.69	3608065.96	12391.12724	0.00723	0.68060	7.67943E-06	0.00724
492139.69	3608212.5	37320.35401	0.02177	1.27558	1.43928E-05	0.02179
492183.92	3608227.24	35481.27135	0.02070	1.08028	1.21892E-05	0.02071

492143.37	3608192.22	32542.94347	0.01899	1.20370	1.35817E-05	0.01900
492194.98	3608204.2	30785.83068	0.01796	1.01145	1.14125E-05	0.01797
492203.28	3608183.01	27032.74153	0.01577	0.94695	1.06847E-05	0.01578
492151.67	3608153.52	24592.58173	0.01435	1.03352	1.16615E-05	0.01436
492197.75	3608162.73	24382.24963	0.01422	0.91938	1.03737E-05	0.01423
492159.04	3608135.08	21371.48879	0.01247	0.93915	1.05967E-05	0.01248
492164.57	3608118.49	18861.03342	0.01100	0.86053	9.70964E-06	0.01101
492219.86	3608141.53	20767.73595	0.01212	0.80792	9.11602E-06	0.01213
492223.55	3608114.81	17605.82478	0.01027	0.73113	8.24958E-06	0.01028
492231.84	3608098.22	15772.55758	0.00920	0.67306	7.59435E-06	0.00921
492170.1	3608097.3	16098.24566	0.00939	0.76825	8.66841E-06	0.00940
492180.24	3608077.94	13955.35376	0.00814	0.68315	7.70820E-06	0.00815
492183.92	3608055.83	11864.67278	0.00692	0.60414	6.81671E-06	0.00693
492218.94	3608068.73	13103.09219	0.00764	0.60903	6.87188E-06	0.00765
492246.59	3608230.01	29459.61125	0.01719	0.84615	9.54739E-06	0.01720
492239.22	3608207.89	27744.96499	0.01619	0.86205	9.72679E-06	0.01620
492241.98	3608194.07	25986.19077	0.01516	0.84196	9.50011E-06	0.01517
492246.59	3608176.56	23745.69812	0.01385	0.80800	9.11693E-06	0.01386
492257.65	3608163.65	21811.33647	0.01272	0.76159	8.59327E-06	0.01273
492261.34	3608145.22	19794.15036	0.01155	0.72336	8.16191E-06	0.01156
492266.87	3608124.02	17592.10804	0.01026	0.67343	7.59853E-06	0.01027
492272.39	3608108.36	16065.59041	0.00937	0.63341	7.14697E-06	0.00938
492277.92	3608094.53	14809.70621	0.00864	0.59758	6.74269E-06	0.00865
492285.3	3608081.63	13701.00363	0.00799	0.56237	6.34540E-06	0.00800
491685.34	3608168.26	1905.1755	0.00111	0.95379	1.07619E-05	0.00112
491689.95	3608145.22	1616.14261	0.00094	0.68053	7.67864E-06	0.00095
491694.56	3608131.4	1490.70102	0.00087	0.57313	6.46681E-06	0.00088
491698.24	3608118.49	1381.51988	0.00081	0.49193	5.55061E-06	0.00081
491701.01	3608105.59	1277.01571	0.00075	0.42458	4.79067E-06	0.00075
491703.77	3608093.61	1191.86472	0.00070	0.37342	4.21342E-06	0.00070
491707.46	3608079.79	1107.7138	0.00065	0.32522	3.66956E-06	0.00065
491713.91	3608070.57	1083.94065	0.00063	0.30182	3.40553E-06	0.00064
491715.75	3608058.59	1012.41747	0.00059	0.26913	3.03668E-06	0.00059
491720.36	3608046.61	964.20218	0.00056	0.24322	2.74433E-06	0.00057
491732.34	3608014.36	849.87505	0.00050	0.18861	2.12815E-06	0.00050
491735.11	3608002.37	804.64468	0.00047	0.17194	1.94005E-06	0.00047
491735.11	3607991.32	754.55705	0.00044	0.15735	1.77543E-06	0.00044
491744.32	3607980.26	748.06203	0.00044	0.14774	1.66700E-06	0.00044
491747.09	3607967.35	707.05832	0.00041	0.13494	1.52257E-06	0.00041
491755.38	3607954.45	690.7191	0.00040	0.12526	1.41335E-06	0.00040
491759.07	3607939.71	651.23376	0.00038	0.11385	1.28461E-06	0.00038
491636.5	3608156.28	1317.55011	0.00077	0.61405	6.92853E-06	0.00078
491618.06	3608148.91	1155.56399	0.00067	0.50736	5.72471E-06	0.00068
491598.71	3608143.38	1035.22776	0.00060	0.42946	4.84574E-06	0.00061

491579.36	3608134.16	915.03025	0.00053	0.35221	3.97410E-06	0.00054
491565.53	3608132.32	865.75646	0.00051	0.32156	3.62827E-06	0.00051
491548.94	3608123.1	781.22765	0.00046	0.27180	3.06681E-06	0.00046
491654.01	3608119.42	1093.05063	0.00064	0.41940	4.73223E-06	0.00064
491663.22	3608133.24	1261.55124	0.00074	0.51410	5.80076E-06	0.00074
491657.69	3608106.51	1016.55434	0.00059	0.36746	4.14617E-06	0.00060
491663.22	3608094.53	961.6658	0.00056	0.32912	3.71357E-06	0.00056
491674.28	3608094.53	1013.91396	0.00059	0.34110	3.84874E-06	0.00060
491681.65	3608086.24	996.05117	0.00058	0.31991	3.60965E-06	0.00058
491686.26	3608072.42	932.10878	0.00054	0.28186	3.18032E-06	0.00055
491663.22	3608078.87	868.71747	0.00051	0.28068	3.16700E-06	0.00051
491671.52	3608072.42	865.98489	0.00051	0.27000	3.04650E-06	0.00051
491676.12	3608058.59	812.08348	0.00047	0.23991	2.70698E-06	0.00048
491678.89	3608048.45	773.86256	0.00045	0.22037	2.48651E-06	0.00045
491690.87	3608053.98	850.17689	0.00050	0.23929	2.69999E-06	0.00050
491695.48	3608035.55	779.20615	0.00045	0.20522	2.31556E-06	0.00046
491701.93	3608024.49	755.88226	0.00044	0.18973	2.14079E-06	0.00044
491624.52	3608121.26	982.59795	0.00057	0.38106	4.29962E-06	0.00058
491615.3	3608116.65	923.03046	0.00054	0.34920	3.94014E-06	0.00054
491603.32	3608112.97	867.25904	0.00051	0.31999	3.61055E-06	0.00051
491590.42	3608107.44	806.51646	0.00047	0.28739	3.24271E-06	0.00047
491582.12	3608104.67	774.91834	0.00045	0.27053	3.05248E-06	0.00046
491567.38	3608101.91	732.68088	0.00043	0.24793	2.79747E-06	0.00043
491553.55	3608094.53	678.74608	0.00040	0.21986	2.48075E-06	0.00040
491560	3608079.79	637.30235	0.00037	0.20076	2.26524E-06	0.00037
491571.98	3608083.47	669.156	0.00039	0.21644	2.44216E-06	0.00039
491585.81	3608088.08	711.15424	0.00041	0.23709	2.67516E-06	0.00042
491599.63	3608094.53	766.78998	0.00045	0.26452	2.98467E-06	0.00045
491614.38	3608097.3	814.843	0.00048	0.28675	3.23549E-06	0.00048
491626.36	3608102.83	877.45895	0.00051	0.31637	3.56971E-06	0.00052
491630.97	3608077.94	763.464	0.00045	0.25250	2.84904E-06	0.00045
491613.46	3608071.49	696.20751	0.00041	0.22558	2.54529E-06	0.00041
491635.57	3608062.28	706.00578	0.00041	0.22214	2.50648E-06	0.00041
491647.56	3608065.04	748.59786	0.00044	0.23548	2.65700E-06	0.00044
491568.3	3608046.61	544.90445	0.00032	0.16037	1.80951E-06	0.00032
491556.32	3608038.32	510.16707	0.00030	0.14559	1.64274E-06	0.00030
491572.91	3608032.79	512.18472	0.00030	0.14698	1.65842E-06	0.00030
491594.1	3608048.45	581.94028	0.00034	0.17577	1.98327E-06	0.00034
491589.49	3608035.55	537.61888	0.00031	0.15714	1.77306E-06	0.00032
491608.85	3608039.24	573.67335	0.00033	0.17041	1.92279E-06	0.00034
491612.53	3608025.41	537.6352	0.00031	0.15465	1.74497E-06	0.00032
491625.44	3608040.16	603.03153	0.00035	0.17932	2.02333E-06	0.00035
491636.5	3608029.1	586.7769	0.00034	0.16872	1.90372E-06	0.00034
491654.01	3608027.26	616.81819	0.00036	0.17328	1.95517E-06	0.00036

491643.87	3608011.59	547.07422	0.00032	0.14986	1.69092E-06	0.00032
491667.83	3608015.28	609.90493	0.00036	0.16255	1.83410E-06	0.00036
491689.03	3607995	601.27188	0.00035	0.14560	1.64285E-06	0.00035
491681.65	3607976.57	528.80566	0.00031	0.12538	1.41470E-06	0.00031
491704.69	3607986.71	621.67149	0.00036	0.14150	1.59659E-06	0.00036
491713.91	3607971.96	603.37593	0.00035	0.12953	1.46153E-06	0.00035
491725.89	3607958.14	598.23444	0.00035	0.12042	1.35874E-06	0.00035
491711.15	3607949.84	531.94139	0.00031	0.11043	1.24602E-06	0.00031
491729.58	3607943.39	565.80717	0.00033	0.10966	1.23733E-06	0.00033
491714.83	3607935.1	504.2339	0.00029	0.10089	1.13837E-06	0.00030
491724.97	3607923.12	500.55027	0.00029	0.09521	1.07429E-06	0.00029
491737.87	3607928.65	548.86938	0.00032	0.10112	1.14097E-06	0.00032
491735.11	3607910.22	495.12574	0.00029	0.08948	1.00963E-06	0.00029
491558.16	3608010.67	446.76664	0.00026	0.12114	1.36686E-06	0.00026
491579.36	3607998.69	437.37975	0.00026	0.11796	1.33098E-06	0.00026
491595.95	3608003.3	462.03995	0.00027	0.12660	1.42847E-06	0.00027
491613.46	3607995.92	463.12885	0.00027	0.12513	1.41188E-06	0.00027
491599.63	3607983.94	423.43448	0.00025	0.11194	1.26306E-06	0.00025
491623.59	3607979.33	437.88119	0.00026	0.11409	1.28731E-06	0.00026
491640.18	3607983.02	467.47351	0.00027	0.12094	1.36461E-06	0.00027
491660.46	3607968.28	466.12239	0.00027	0.11369	1.28280E-06	0.00027
491659.54	3607951.69	429.57667	0.00025	0.10173	1.14785E-06	0.00025
491677.05	3607950.77	457.63343	0.00027	0.10432	1.17708E-06	0.00027
491682.58	3607937.86	441.04738	0.00026	0.09695	1.09392E-06	0.00026
491670.6	3607928.65	403.26628	0.00024	0.08970	1.01211E-06	0.00024
491694.56	3607921.27	430.62047	0.00025	0.08923	1.00681E-06	0.00025
491682.58	3607913.9	396.2858	0.00023	0.08368	9.44189E-07	0.00023
491682.58	3607901.92	376.39613	0.00022	0.07800	8.80099E-07	0.00022
491705.62	3607902.84	416.61693	0.00024	0.08134	9.17786E-07	0.00024
491561.62	3607964.09	361.52381	0.00021	0.09104	1.02723E-06	0.00021
491578.12	3607959.66	363.39121	0.00021	0.09175	1.03525E-06	0.00021
491573.42	3607943.99	336.42249	0.00020	0.08283	9.34598E-07	0.00020
491600.84	3607959.66	378.65901	0.00022	0.09601	1.08331E-06	0.00022
491591.44	3607944.77	347.74317	0.00020	0.08613	9.71833E-07	0.00020
491603.97	3607934.59	340.58815	0.00020	0.08299	9.36403E-07	0.00020
491615.72	3607947.91	370.81638	0.00022	0.09183	1.03615E-06	0.00022
491636.09	3607933.02	366.04732	0.00021	0.08695	9.81085E-07	0.00021
491625.12	3607917.35	332.03167	0.00019	0.07785	8.78407E-07	0.00019
491644.71	3607918.92	353.35695	0.00021	0.08111	9.15191E-07	0.00021
491642.36	3607896.99	320.10969	0.00019	0.07132	8.04727E-07	0.00019
491658.03	3607905.6	348.86545	0.00020	0.07669	8.65318E-07	0.00020
491665.08	3607887.59	331.99941	0.00019	0.07005	7.90397E-07	0.00019
491647.06	3607883.67	307.77096	0.00018	0.06677	7.53388E-07	0.00018
491564.8	3607922.84	303.4827	0.00018	0.07232	8.16010E-07	0.00018

491587.52	3607913.44	301.75849	0.00018	0.07149	8.06645E-07	0.00018
491573.42	3607903.25	283.1073	0.00017	0.06604	7.45151E-07	0.00017
491607.11	3607896.2	291.63159	0.00017	0.06721	7.58352E-07	0.00017
491603.97	3607878.97	270.49998	0.00016	0.06106	6.88960E-07	0.00016
491621.99	3607877.4	279.96461	0.00016	0.06223	7.02161E-07	0.00016
491892.25	3607962.79	1729.53705	0.00101	0.20211	2.28047E-06	0.00101
491943.96	3607975.32	2655.68093	0.00155	0.26865	3.03127E-06	0.00155
491586.79	3608712.31	8409.91149	0.00491	0.25537	2.88142E-06	0.00491
491579.14	3608732.72	7291.76171	0.00425	0.22345	2.52126E-06	0.00426
491579.14	3608751.86	6533.0195	0.00381	0.19896	2.24493E-06	0.00381
491563.83	3608778.64	5465.98803	0.00319	0.17032	1.92178E-06	0.00319
491558.73	3608797.78	4905.57279	0.00286	0.15360	1.73312E-06	0.00286
491545.97	3608824.57	4212.34249	0.00246	0.13396	1.51151E-06	0.00246
491543.42	3608838.6	3929.01444	0.00229	0.12516	1.41222E-06	0.00229
491534.49	3608869.21	3382.56676	0.00197	0.10868	1.22627E-06	0.00197
491635.26	3608725.07	8556.303	0.00499	0.23968	2.70439E-06	0.00499
491665.88	3608731.45	8360.83188	0.00488	0.23355	2.63522E-06	0.00488
491654.4	3608756.96	6906.22993	0.00403	0.19926	2.24832E-06	0.00403
491627.61	3608748.03	7224.74672	0.00421	0.20756	2.34197E-06	0.00422
491621.23	3608764.61	6439.38955	0.00376	0.18774	2.11833E-06	0.00376
491651.85	3608772.27	6214.64483	0.00363	0.18240	2.05808E-06	0.00363
491635.26	3608823.29	4517.60807	0.00264	0.13801	1.55721E-06	0.00264
491608.48	3608810.54	4835.62481	0.00282	0.14544	1.64105E-06	0.00282
491603.37	3608829.67	4336.69451	0.00253	0.13187	1.48793E-06	0.00253
491627.61	3608838.6	4143.13594	0.00242	0.12751	1.43874E-06	0.00242
491622.51	3608866.66	3564.66602	0.00208	0.11155	1.25865E-06	0.00208
491590.62	3608859.01	3701.20145	0.00216	0.11431	1.28980E-06	0.00216
491586.79	3608875.59	3404.77827	0.00199	0.10597	1.19569E-06	0.00199
491617.41	3608884.52	3257.20091	0.00190	0.10280	1.15993E-06	0.00190
491707.97	3608753.13	7153.25801	0.00417	0.20753	2.34163E-06	0.00418
491702.87	3608768.44	6396.431	0.00373	0.18982	2.14180E-06	0.00373
491696.49	3608791.4	5468.59705	0.00319	0.16695	1.88375E-06	0.00319
491688.84	3608805.43	4998.74356	0.00292	0.15457	1.74406E-06	0.00292
491683.74	3608834.77	4189.63762	0.00244	0.13298	1.50046E-06	0.00245
491674.81	3608851.36	3820.01121	0.00223	0.12236	1.38063E-06	0.00223
491669.71	3608874.32	3379.43532	0.00197	0.10986	1.23959E-06	0.00197
491667.15	3608903.66	2914.7126	0.00170	0.09656	1.08952E-06	0.00170
491741.14	3608758.23	6978.56924	0.00407	0.20192	2.27833E-06	0.00407
491733.49	3608772.27	6281.67673	0.00366	0.18683	2.10806E-06	0.00367
491727.11	3608797.78	5275.56965	0.00308	0.16283	1.83726E-06	0.00308
491720.73	3608809.26	4893.44238	0.00285	0.15316	1.72815E-06	0.00286
491711.8	3608833.5	4219.16689	0.00246	0.13521	1.52562E-06	0.00246
491706.7	3608855.18	3729.43269	0.00218	0.12169	1.37307E-06	0.00218
491701.6	3608871.77	3409.51209	0.00199	0.11253	1.26971E-06	0.00199

491699.05	3608899.83	2955.05305	0.00172	0.09935	1.12100E-06	0.00173
491778.13	3608770.99	6583.73997	0.00384	0.18625	2.10152E-06	0.00384
491773.03	3608791.4	5700.1801	0.00333	0.16812	1.89695E-06	0.00333
491762.83	3608811.81	4952.10555	0.00289	0.15217	1.71698E-06	0.00289
491760.28	3608828.39	4468.7311	0.00261	0.14044	1.58463E-06	0.00261
491755.17	3608851.36	3900.00547	0.00228	0.12606	1.42238E-06	0.00228
491747.52	3608869.21	3518.43567	0.00205	0.11604	1.30932E-06	0.00205
491738.59	3608884.52	3229.67762	0.00188	0.10809	1.21961E-06	0.00189
491738.59	3608902.38	2954.26121	0.00172	0.10010	1.12946E-06	0.00172
491804.92	3608781.2	6318.52159	0.00369	0.17405	1.96386E-06	0.00369
491802.37	3608806.71	5337.54307	0.00311	0.15414	1.73921E-06	0.00312
491789.61	3608822.02	4788.76329	0.00279	0.14421	1.62717E-06	0.00280
491788.34	3608839.87	4305.57852	0.00251	0.13287	1.49922E-06	0.00251
491774.31	3608853.91	3917.0837	0.00229	0.12485	1.40872E-06	0.00229
491778.13	3608875.59	3499.89081	0.00204	0.11350	1.28066E-06	0.00204
491773.03	3608892.17	3197.355	0.00187	0.10568	1.19242E-06	0.00187
491770.48	3608916.41	2832.77258	0.00165	0.09553	1.07790E-06	0.00165
491848.29	3608793.95	5992.71087	0.00350	0.15787	1.78130E-06	0.00350
491845.74	3608815.64	5237.45045	0.00306	0.14361	1.62040E-06	0.00306
491835.54	3608834.77	4650.58333	0.00271	0.13316	1.50249E-06	0.00271
491829.16	3608859.01	4039.55505	0.00236	0.12055	1.36020E-06	0.00236
491824.06	3608874.32	3704.88695	0.00216	0.11337	1.27919E-06	0.00216
491824.06	3608890.9	3400.78112	0.00198	0.10597	1.19569E-06	0.00199
491820.23	3608904.93	3159.29467	0.00184	0.10030	1.13172E-06	0.00184
491818.95	3608924.07	2877.04023	0.00168	0.09309	1.05036E-06	0.00168
491817.68	3608940.65	2660.42732	0.00155	0.08740	9.86163E-07	0.00155
491873.81	3608822.02	5086.34504	0.00297	0.13605	1.53510E-06	0.00297
491864.88	3608842.43	4525.64689	0.00264	0.12605	1.42226E-06	0.00264
491859.77	3608864.11	4016.05242	0.00234	0.11590	1.30774E-06	0.00234
491855.95	3608878.14	3724.29971	0.00217	0.10990	1.24004E-06	0.00217
491849.57	3608899.83	3323.74804	0.00194	0.10134	1.14345E-06	0.00194
491857.22	3608915.14	3103.21069	0.00181	0.09528	1.07508E-06	0.00181
491869.98	3608930.44	2913.47447	0.00170	0.08953	1.01020E-06	0.00170
491890.39	3608932.99	2909.41727	0.00170	0.08770	9.89548E-07	0.00170
491915.9	3608818.19	5123.01474	0.00299	0.13148	1.48353E-06	0.00299
491914.63	3608838.6	4596.72161	0.00268	0.12148	1.37070E-06	0.00268
491904.42	3608855.18	4234.93498	0.00247	0.11528	1.30074E-06	0.00247
491903.14	3608874.32	3846.14771	0.00224	0.10735	1.21126E-06	0.00225
491895.49	3608897.28	3438.65333	0.00201	0.09929	1.12032E-06	0.00201
491915.9	3608899.83	3397.17383	0.00198	0.09661	1.09008E-06	0.00198
491936.31	3608902.38	3337.66685	0.00195	0.09379	1.05826E-06	0.00195
491952.89	3608910.03	3198.84616	0.00187	0.08973	1.01245E-06	0.00187
491966.93	3608922.79	3001.95003	0.00175	0.08465	9.55133E-07	0.00175
491923.55	3608947.03	2752.86059	0.00161	0.08160	9.20719E-07	0.00161

491945.24	3608961.06	2590.66041	0.00151	0.07653	8.63513E-07	0.00151
491737.31	3608925.34	2646.50014	0.00154	0.09097	1.02644E-06	0.00154
CONCUNIT ug/	m^3	0	0.00000	0.00000	0.00000E+00	0.00000
DEPUNIT g/m^	2	0	0.00000	0.00000	0.00000E+00	0.00000

Moss Street

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	1	0.25	13.6
1	1	10	1090	1	1	164.2

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street

No Mitigation at Sensitive Recptors

Estimated Cancer Risks from Construction DPM - Infant Receptors

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2019 (/million)	Infant Cancer Risk (year 1) 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	7.119	85.975	93.09304
491770.82	3608296.56	0.948	11.445	12.39249
491786.69	3608300.4	1.908	23.046	24.95419
491777.07	3608270.58	0.426	5.142	5.56731
491794.39	3608275.87	0.808	9.756	10.56416
491789.88	3608254.44	0.350	4.226	4.57544
491793.88	3608239.79	0.254	3.063	3.31710
491796.54	3608225.81	0.191	2.305	2.49639
491799.2	3608213.16	0.153	1.845	1.99814
491804.53	3608198.51	0.126	1.516	1.64153
491835.16	3608317.03	4.470	53.991	58.46107
491837.82	3608303.71	3.065	37.015	40.07957
491843.81	3608287.73	1.947	23.513	25.45986
491851.14	3608274.41	1.387	16.754	18.14107
491863.07	3608247.22	0.754	9.110	9.86405
491867.68	3608231.55	0.548	6.614	7.16197
491875.05	3608218.65	0.442	5.332	5.77384
491878.74	3608195.61	0.291	3.510	3.80071
491885.19	3608177.18	0.221	2.669	2.89015
491807.78	3608183.63	0.102	1.227	1.32831
491812.39	3608167.97	0.084	1.018	1.10205
491819.76	3608146.77	0.068	0.820	0.88815
491840.03	3608155.06	0.097	1.171	1.26756
491868.6	3608170.73	0.170	2.053	2.22247
491865.26	3608414.36	6.644	80.244	86.88781
491867.52	3608403.04	6.799	82.115	88.91429

Maximum Caner Risk
93.1
SDAQMD threshold of significance
10
Exceed thresholds?
Yes

491872.05	3608392.29	6.666	80.507	87.17259
491874.88	3608377.58	6.732	81.303	88.03517
491886.76	3608431.91	4.381	52.911	57.29161
491890.73	3608422.29	4.397	53.099	57.49592
491896.39	3608409.84	4.349	52.529	56.87831
491900.35	3608397.38	4.355	52.593	56.94743
491903.74	3608384.93	4.338	52.390	56.72741
491912.8	3608444.92	2.904	35.073	37.97737
491917.89	3608432.47	2.968	35.848	38.81595
491921.29	3608418.89	3.074	37.132	40.20659
491926.95	3608408.14	3.030	36.589	39.61867
491930.91	3608396.25	3.026	36.552	39.57852
491950.72	3608425.12	2.194	26.495	28.68872
491954.11	3608416.06	2.216	26.764	28.97947
491959.21	3608404.74	2.206	26.644	28.84977
491984.11	3608467.56	1.241	14.988	16.22900
491987.5	3608453.98	1.333	16.104	17.43723
491993.16	3608442.66	1.369	16.536	17.90514
491998.26	3608432.47	1.391	16.800	18.19116
492002.22	3608421.15	1.423	17.185	18.60760
492012.41	3608475.49	0.942	11.383	12.32499
492015.24	3608463.6	1.009	12.188	13.19706
492020.9	3608451.15	1.052	12.706	13.75802
492024.29	3608441.53	1.086	13.118	14.20463
492028.25	3608428.51	1.128	13.626	14.75431
492037.31	3608486.24	0.733	8.847	9.57999
492042.4	3608472.09	0.789	9.529	10.31797
492046.36	3608461.34	0.827	9.991	10.81801
492050.89	3608450.58	0.858	10.360	11.21815
492055.42	3608440.4	0.880	10.634	11.51436
492065.61	3608493.6	0.583	7.042	7.62468
492069	3608481.15	0.627	7.578	8.20585
492075.23	3608469.26	0.656	7.922	8.57799
492078.06	3608457.38	0.694	8.382	9.07649

492082.59	3608446.62	0.717	8.659	9.37635
491873.18	3608334.56	5.748	69.428	75.17606
491929.78	3608349.84	3.106	37.513	40.61945
491879.97	3608317.02	3.795	45.831	49.62568
491893.22	3608305.33	2.756	33.292	36.04824
491889.89	3608289.35	2.040	24.639	26.67927
491907.21	3608277.37	1.560	18.841	20.40100
491909.87	3608246.74	0.892	10.779	11.67152
491914.53	3608232.76	0.700	8.458	9.15779
491920.52	3608219.44	0.564	6.818	7.38226
491923.85	3608203.46	0.436	5.271	5.70767
491922.52	3608187.48	0.334	4.037	4.37138
491933.84	3608176.16	0.295	3.562	3.85705
491936.5	3608332.63	2.643	31.925	34.56850
491945.82	3608306.66	1.952	23.575	25.52647
491948.49	3608292.02	1.635	19.749	21.38429
491954.48	3608266.71	1.164	14.054	15.21771
491965.8	3608249.4	0.903	10.907	11.81039
491959.81	3608230.76	0.707	8.536	9.24249
491973.12	3608219.44	0.605	7.302	7.90687
491965.13	3608198.8	0.453	5.474	5.92705
491987.11	3608190.14	0.416	5.023	5.43923
491975.79	3608366.59	2.016	24.349	26.36490
491980.45	3608353.27	1.909	23.056	24.96469
491988.44	3608337.29	1.714	20.697	22.41071
491991.77	3608319.32	1.544	18.646	20.19020
492001.09	3608294.68	1.244	15.019	16.26295
492006.41	3608282.03	1.097	13.255	14.35260
492013.07	3608266.05	0.932	11.254	12.18587
492013.07	3608251.4	0.815	9.842	10.65692
492028.39	3608241.41	0.709	8.562	9.27103
492019.07	3608222.77	0.603	7.281	7.88405
492045.7	3608210.78	0.512	6.189	6.70098
492031.05	3608385.23	1.271	15.345	16.61539

492035.71	3608369.92	1.249	15.080	16.32870
492027.06	3608353.27	1.324	15.991	17.31554
492046.36	3608339.96	1.138	13.741	14.87918
492040.37	3608324.64	1.139	13.761	14.90041
492057.02	3608313.32	0.992	11.977	12.96906
492055.69	3608297.34	0.935	11.297	12.23227
492059.02	3608282.03	0.850	10.266	11.11624
492069.67	3608270.04	0.756	9.131	9.88702
492061.68	3608253.4	0.701	8.461	9.16161
492078.32	3608241.41	0.608	7.343	7.95085
492079.66	3608226.76	0.544	6.576	7.12009
492069.51	3608395.3	0.952	11.498	12.44997
492076.17	3608375.99	0.943	11.394	12.33778
492085.49	3608364.01	0.898	10.845	11.74331
492102.14	3608406.62	0.751	9.074	9.82527
492129.44	3608410.61	0.633	7.642	8.27420
492095.48	3608352.69	0.846	10.220	11.06592
492094.15	3608336.04	0.843	10.178	11.02101
492135.43	3608348.69	0.674	8.144	8.81777
492101.47	3608312.74	0.774	9.350	10.12458
492120.78	3608244.15	0.536	6.469	7.00448
492106.8	3608297.42	0.720	8.702	9.42224
492168.06	3608256.14	0.477	5.762	6.23869
491832.47	3608106.99	0.047	0.570	0.61703
491853.78	3608116.31	0.065	0.789	0.85483
491874.42	3608123.64	0.088	1.061	1.14842
491899.72	3608128.96	0.118	1.425	1.54321
491836.47	3608093.01	0.042	0.506	0.54768
491877.09	3608106.33	0.072	0.865	0.93698
491905.05	3608118.98	0.107	1.296	1.40305
491907.71	3608101.66	0.087	1.054	1.14096
491883.74	3608091.01	0.063	0.759	0.82176
491848.45	3608065.04	0.035	0.420	0.45447
491853.12	3608053.06	0.032	0.388	0.41981

491873.09	3608063.05	0.042	0.506	0.54838
491909.71	3608072.37	0.062	0.751	0.81314
491921.03	3608059.05	0.058	0.703	0.76084
491925.69	3608040.41	0.049	0.595	0.64397
491856.44	3608031.75	0.027	0.326	0.35281
491867.1	3608010.44	0.024	0.293	0.31676
491875.09	3607976.49	0.019	0.234	0.25350
491918.37	3607991.8	0.029	0.355	0.38463
491945	3608000.46	0.038	0.456	0.49374
491935.09	3608141.53	0.178	2.154	2.33215
491960.9	3608152.59	0.236	2.845	3.08015
491988.54	3608164.57	0.301	3.633	3.93425
491946.15	3608114.81	0.132	1.597	1.72957
491988.54	3608129.55	0.194	2.341	2.53519
492018.04	3608107.44	0.165	1.990	2.15443
491955.37	3608089	0.101	1.220	1.32092
491963.66	3608059.51	0.075	0.911	0.98605
491984.86	3608059.51	0.084	1.018	1.10278
492031.86	3608066.89	0.111	1.344	1.45578
492020.8	3608040.16	0.081	0.983	1.06428
491977.49	3608027.26	0.058	0.705	0.76292
491983.94	3608007.9	0.050	0.606	0.65567
492044.76	3608018.04	0.072	0.875	0.94775
492048.45	3608001.45	0.063	0.763	0.82656
491999.6	3607989.47	0.046	0.554	0.59974
492038.31	3608171.95	0.348	4.203	4.55149
492047.53	3608155.36	0.294	3.547	3.84042
492086.23	3608187.61	0.392	4.738	5.13051
492095.45	3608171.03	0.337	4.074	4.41130
492053.98	3608123.1	0.212	2.558	2.76942
492109.27	3608145.22	0.269	3.244	3.51279
492058.59	3608100.06	0.169	2.038	2.20710
492123.1	3608113.89	0.206	2.489	2.69463
492135.08	3608094.53	0.176	2.128	2.30443

492076.1	3608065.04	0.124	1.503	1.62707
492085.31	3608030.02	0.092	1.115	1.20759
492139.69	3608065.96	0.140	1.687	1.82698
492139.69	3608212.5	0.421	5.081	5.50173
492183.92	3608227.24	0.400	4.831	5.23046
492143.37	3608192.22	0.367	4.431	4.79755
492194.98	3608204.2	0.347	4.191	4.53837
492203.28	3608183.01	0.305	3.680	3.98516
492151.67	3608153.52	0.277	3.348	3.62563
492197.75	3608162.73	0.275	3.320	3.59450
492159.04	3608135.08	0.241	2.910	3.15080
492164.57	3608118.49	0.213	2.568	2.78072
492219.86	3608141.53	0.234	2.828	3.06167
492223.55	3608114.81	0.198	2.397	2.59558
492231.84	3608098.22	0.178	2.148	2.32533
492170.1	3608097.3	0.181	2.192	2.37344
492180.24	3608077.94	0.157	1.900	2.05752
492183.92	3608055.83	0.134	1.616	1.74931
492218.94	3608068.73	0.148	1.784	1.93183
492246.59	3608230.01	0.332	4.011	4.34272
492239.22	3608207.89	0.313	3.777	4.09003
492241.98	3608194.07	0.293	3.538	3.83080
492246.59	3608176.56	0.268	3.233	3.50056
492257.65	3608163.65	0.246	2.970	3.21542
492261.34	3608145.22	0.223	2.695	2.91809
492266.87	3608124.02	0.198	2.395	2.59349
492272.39	3608108.36	0.181	2.187	2.36847
492277.92	3608094.53	0.167	2.016	2.18334
492285.3	3608081.63	0.154	1.865	2.01990
491685.34	3608168.26	0.022	0.260	0.28188
491689.95	3608145.22	0.018	0.221	0.23897
491694.56	3608131.4	0.017	0.204	0.22036
491698.24	3608118.49	0.016	0.189	0.20417
491701.01	3608105.59	0.014	0.174	0.18869

491703.77	3608093.61	0.013	0.163	0.17609
491707.46	3608079.79	0.013	0.151	0.16363
491713.91	3608070.57	0.012	0.148	0.16010
491715.75	3608058.59	0.011	0.138	0.14952
491720.36	3608046.61	0.011	0.131	0.14238
491732.34	3608014.36	0.010	0.116	0.12547
491735.11	3608002.37	0.009	0.110	0.11879
491735.11	3607991.32	0.009	0.103	0.11139
491744.32	3607980.26	0.008	0.102	0.11042
491747.09	3607967.35	0.008	0.096	0.10436
491755.38	3607954.45	0.008	0.094	0.10194
491759.07	3607939.71	0.007	0.089	0.09611
491636.5	3608156.28	0.015	0.180	0.19489
491618.06	3608148.91	0.013	0.158	0.17089
491598.71	3608143.38	0.012	0.141	0.15307
491579.36	3608134.16	0.010	0.125	0.13526
491565.53	3608132.32	0.010	0.118	0.12796
491548.94	3608123.1	0.009	0.107	0.11545
491654.01	3608119.42	0.012	0.149	0.16158
491663.22	3608133.24	0.014	0.172	0.18652
491657.69	3608106.51	0.011	0.139	0.15024
491663.22	3608094.53	0.011	0.131	0.14211
491674.28	3608094.53	0.011	0.138	0.14982
491681.65	3608086.24	0.011	0.136	0.14717
491686.26	3608072.42	0.011	0.127	0.13770
491663.22	3608078.87	0.010	0.119	0.12835
491671.52	3608072.42	0.010	0.118	0.12794
491676.12	3608058.59	0.009	0.111	0.11996
491678.89	3608048.45	0.009	0.106	0.11431
491690.87	3608053.98	0.010	0.116	0.12557
491695.48	3608035.55	0.009	0.106	0.11508
491701.93	3608024.49	0.009	0.103	0.11162
491624.52	3608121.26	0.011	0.134	0.14525
491615.3	3608116.65	0.010	0.126	0.13644

491603.32	3608112.97	0.010	0.118	0.12818
491590.42	3608107.44	0.009	0.110	0.11919
491582.12	3608104.67	0.009	0.106	0.11452
491567.38	3608101.91	0.008	0.100	0.10827
491553.55	3608094.53	0.008	0.093	0.10029
491560	3608079.79	0.007	0.087	0.09416
491571.98	3608083.47	0.008	0.091	0.09887
491585.81	3608088.08	0.008	0.097	0.10508
491599.63	3608094.53	0.009	0.105	0.11331
491614.38	3608097.3	0.009	0.111	0.12042
491626.36	3608102.83	0.010	0.120	0.12968
491630.97	3608077.94	0.009	0.104	0.11281
491613.46	3608071.49	0.008	0.095	0.10287
491635.57	3608062.28	0.008	0.096	0.10431
491647.56	3608065.04	0.008	0.102	0.11060
491568.3	3608046.61	0.006	0.074	0.08049
491556.32	3608038.32	0.006	0.070	0.07536
491572.91	3608032.79	0.006	0.070	0.07565
491594.1	3608048.45	0.007	0.079	0.08597
491589.49	3608035.55	0.006	0.073	0.07941
491608.85	3608039.24	0.006	0.078	0.08474
491612.53	3608025.41	0.006	0.073	0.07941
491625.44	3608040.16	0.007	0.082	0.08908
491636.5	3608029.1	0.007	0.080	0.08667
491654.01	3608027.26	0.007	0.084	0.09111
491643.87	3608011.59	0.006	0.075	0.08080
491667.83	3608015.28	0.007	0.083	0.09007
491689.03	3607995	0.007	0.082	0.08878
491681.65	3607976.57	0.006	0.072	0.07808
491704.69	3607986.71	0.007	0.085	0.09178
491713.91	3607971.96	0.007	0.082	0.08907
491725.89	3607958.14	0.007	0.082	0.08831
491711.15	3607949.84	0.006	0.073	0.07852
491729.58	3607943.39	0.006	0.077	0.08351

491714.83	3607935.1	0.006	0.069	0.07443
491724.97	3607923.12	0.006	0.068	0.07388
491737.87	3607928.65	0.006	0.075	0.08101
491735.11	3607910.22	0.006	0.067	0.07307
491558.16	3608010.67	0.005	0.061	0.06598
491579.36	3607998.69	0.005	0.060	0.06460
491595.95	3608003.3	0.005	0.063	0.06824
491613.46	3607995.92	0.005	0.063	0.06840
491599.63	3607983.94	0.005	0.058	0.06253
491623.59	3607979.33	0.005	0.060	0.06467
491640.18	3607983.02	0.005	0.064	0.06904
491660.46	3607968.28	0.005	0.064	0.06883
491659.54	3607951.69	0.005	0.059	0.06343
491677.05	3607950.77	0.005	0.062	0.06757
491682.58	3607937.86	0.005	0.060	0.06511
491670.6	3607928.65	0.005	0.055	0.05954
491694.56	3607921.27	0.005	0.059	0.06357
491682.58	3607913.9	0.004	0.054	0.05850
491682.58	3607901.92	0.004	0.051	0.05556
491705.62	3607902.84	0.005	0.057	0.06149
491561.62	3607964.09	0.004	0.049	0.05339
491578.12	3607959.66	0.004	0.050	0.05366
491573.42	3607943.99	0.004	0.046	0.04968
491600.84	3607959.66	0.004	0.052	0.05592
491591.44	3607944.77	0.004	0.047	0.05135
491603.97	3607934.59	0.004	0.046	0.05029
491615.72	3607947.91	0.004	0.051	0.05476
491636.09	3607933.02	0.004	0.050	0.05405
491625.12	3607917.35	0.004	0.045	0.04902
491644.71	3607918.92	0.004	0.048	0.05217
491642.36	3607896.99	0.004	0.044	0.04726
491658.03	3607905.6	0.004	0.048	0.05150
491665.08	3607887.59	0.004	0.045	0.04901
491647.06	3607883.67	0.003	0.042	0.04544

491564.8	3607922.84	0.003	0.041	0.04481
491587.52	3607913.44	0.003	0.041	0.04456
491573.42	3607903.25	0.003	0.039	0.04180
491607.11	3607896.2	0.003	0.040	0.04306
491603.97	3607878.97	0.003	0.037	0.03994
491621.99	3607877.4	0.003	0.038	0.04133
491892.25	3607962.79	0.020	0.236	0.25513
491943.96	3607975.32	0.030	0.362	0.39170
491586.79	3608712.31	0.095	1.145	1.23974
491579.14	3608732.72	0.082	0.993	1.07491
491579.14	3608751.86	0.074	0.889	0.96306
491563.83	3608778.64	0.062	0.744	0.80577
491558.73	3608797.78	0.055	0.668	0.72316
491545.97	3608824.57	0.047	0.573	0.62097
491543.42	3608838.6	0.044	0.535	0.57920
491534.49	3608869.21	0.038	0.461	0.49865
491635.26	3608725.07	0.096	1.165	1.26130
491665.88	3608731.45	0.094	1.138	1.23248
491654.4	3608756.96	0.078	0.940	1.01807
491627.61	3608748.03	0.081	0.984	1.06502
491621.23	3608764.61	0.073	0.877	0.94925
491651.85	3608772.27	0.070	0.846	0.91612
491635.26	3608823.29	0.051	0.615	0.66596
491608.48	3608810.54	0.055	0.658	0.71284
491603.37	3608829.67	0.049	0.590	0.63929
491627.61	3608838.6	0.047	0.564	0.61076
491622.51	3608866.66	0.040	0.485	0.52549
491590.62	3608859.01	0.042	0.504	0.54561
491586.79	3608875.59	0.038	0.464	0.50192
491617.41	3608884.52	0.037	0.443	0.48016
491707.97	3608753.13	0.081	0.974	1.05448
491702.87	3608768.44	0.072	0.871	0.94292
491696.49	3608791.4	0.062	0.745	0.80615
491688.84	3608805.43	0.056	0.681	0.73689

491683.74	3608834.77	0.047	0.570	0.61762
491674.81	3608851.36	0.043	0.520	0.56313
491669.71	3608874.32	0.038	0.460	0.49819
491667.15	3608903.66	0.033	0.397	0.42968
491741.14	3608758.23	0.079	0.950	1.02873
491733.49	3608772.27	0.071	0.855	0.92601
491727.11	3608797.78	0.059	0.718	0.77770
491720.73	3608809.26	0.055	0.666	0.72137
491711.8	3608833.5	0.048	0.574	0.62197
491706.7	3608855.18	0.042	0.508	0.54978
491701.6	3608871.77	0.038	0.464	0.50262
491699.05	3608899.83	0.033	0.402	0.43563
491778.13	3608770.99	0.074	0.896	0.97052
491773.03	3608791.4	0.064	0.776	0.84028
491762.83	3608811.81	0.056	0.674	0.73001
491760.28	3608828.39	0.050	0.608	0.65876
491755.17	3608851.36	0.044	0.531	0.57493
491747.52	3608869.21	0.040	0.479	0.51868
491738.59	3608884.52	0.036	0.440	0.47611
491738.59	3608902.38	0.033	0.402	0.43551
491804.92	3608781.2	0.071	0.860	0.93142
491802.37	3608806.71	0.060	0.727	0.78682
491789.61	3608822.02	0.054	0.652	0.70593
491788.34	3608839.87	0.049	0.586	0.63471
491774.31	3608853.91	0.044	0.533	0.57744
491778.13	3608875.59	0.039	0.476	0.51594
491773.03	3608892.17	0.036	0.435	0.47135
491770.48	3608916.41	0.032	0.386	0.41760
491848.29	3608793.95	0.068	0.816	0.88338
491845.74	3608815.64	0.059	0.713	0.77206
491835.54	3608834.77	0.052	0.633	0.68555
491829.16	3608859.01	0.046	0.550	0.59549
491824.06	3608874.32	0.042	0.504	0.54616
491824.06	3608890.9	0.038	0.463	0.50133

491820.23	3608904.93	0.036	0.430	0.46573
491818.95	3608924.07	0.032	0.392	0.42412
491817.68	3608940.65	0.030	0.362	0.39219
491873.81	3608822.02	0.057	0.692	0.74978
491864.88	3608842.43	0.051	0.616	0.66713
491859.77	3608864.11	0.045	0.547	0.59202
491855.95	3608878.14	0.042	0.507	0.54901
491849.57	3608899.83	0.037	0.453	0.48997
491857.22	3608915.14	0.035	0.422	0.45746
491869.98	3608930.44	0.033	0.397	0.42949
491890.39	3608932.99	0.033	0.396	0.42889
491915.9	3608818.19	0.058	0.697	0.75518
491914.63	3608838.6	0.052	0.626	0.67760
491904.42	3608855.18	0.048	0.577	0.62428
491903.14	3608874.32	0.043	0.524	0.56697
491895.49	3608897.28	0.039	0.468	0.50690
491915.9	3608899.83	0.038	0.462	0.50079
491936.31	3608902.38	0.038	0.454	0.49201
491952.89	3608910.03	0.036	0.435	0.47155
491966.93	3608922.79	0.034	0.409	0.44252
491923.55	3608947.03	0.031	0.375	0.40581
491945.24	3608961.06	0.029	0.353	0.38190
491737.31	3608925.34	0.030	0.360	0.39014
CONCUNIT ug	m^3	0.000	0.000	0.00000
DEPUNIT g/m	2	0.000	0.000	0.00000

Moss Street

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 $(ug/m3)^{-1}$
2019	1	3	572	1	0.25	6.5
2020	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street

No Mitigation **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Child Cancer 2019 (/million)	Child Cancer 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	3.384	9.529	12.91294
491770.82	3608296.56	0.450	1.276	1.72597
491786.69	3608300.4	0.907	2.561	3.46774
491777.07	3608270.58	0.202	0.573	0.77546
491794.39	3608275.87	0.384	1.084	1.46849
491789.88	3608254.44	0.166	0.470	0.63670
491793.88	3608239.79	0.121	0.341	0.46158
491796.54	3608225.81	0.091	0.257	0.34736
491799.2	3608213.16	0.073	0.205	0.27799
491804.53	3608198.51	0.060	0.169	0.22831
491835.16	3608317.03	2.125	5.987	8.11188
491837.82	3608303.71	1.457	4.105	5.56208
491843.81	3608287.73	0.925	2.608	3.53369
491851.14	3608274.41	0.659	1.859	2.51808
491863.07	3608247.22	0.359	1.011	1.36939
491867.68	3608231.55	0.260	0.734	0.99436
491875.05	3608218.65	0.210	0.592	0.80165
491878.74	3608195.61	0.138	0.390	0.52775
491885.19	3608177.18	0.105	0.296	0.40132
491807.78	3608183.63	0.048	0.136	0.18471
491812.39	3608167.97	0.040	0.113	0.15322
491819.76	3608146.77	0.032	0.091	0.12344
491840.03	3608155.06	0.046	0.130	0.17612
491868.6	3608170.73	0.081	0.228	0.30867
491865.26	3608414.36	3.158	8.894	12.05226
491867.52	3608403.04	3.232	9.102	12.33340

Maximum Caner Risk
13
SDAQMD threshold of significance
10
Exceed thresholds?
Yes

491872.05	3608392.29	3.169	8.923	12.09187
491874.88	3608377.58	3.200	9.012	12.21162
491886.76	3608431.91	2.082	5.865	7.94699
491890.73	3608422.29	2.090	5.885	7.97536
491896.39	3608409.84	2.067	5.822	7.88973
491900.35	3608397.38	2.070	5.829	7.89936
491903.74	3608384.93	2.062	5.807	7.86890
491912.8	3608444.92	1.380	3.888	5.26792
491917.89	3608432.47	1.411	3.973	5.38426
491921.29	3608418.89	1.461	4.116	5.57719
491926.95	3608408.14	1.440	4.056	5.49566
491930.91	3608396.25	1.439	4.052	5.49013
491950.72	3608425.12	1.043	2.937	3.97954
491954.11	3608416.06	1.053	2.967	4.01988
491959.21	3608404.74	1.049	2.953	4.00192
491984.11	3608467.56	0.590	1.661	2.25120
491987.5	3608453.98	0.634	1.785	2.41881
491993.16	3608442.66	0.651	1.833	2.48372
491998.26	3608432.47	0.661	1.862	2.52341
492002.22	3608421.15	0.676	1.905	2.58118
492012.41	3608475.49	0.448	1.262	1.70967
492015.24	3608463.6	0.480	1.351	1.83064
492020.9	3608451.15	0.500	1.408	1.90846
492024.29	3608441.53	0.516	1.454	1.97042
492028.25	3608428.51	0.536	1.510	2.04668
492037.31	3608486.24	0.348	0.981	1.32891
492042.4	3608472.09	0.375	1.056	1.43128
492046.36	3608461.34	0.393	1.107	1.50064
492050.89	3608450.58	0.408	1.148	1.55615
492055.42	3608440.4	0.419	1.179	1.59725
492065.61	3608493.6	0.277	0.781	1.05768
492069	3608481.15	0.298	0.840	1.13830
492075.23	3608469.26	0.312	0.878	1.18992
492078.06	3608457.38	0.330	0.929	1.25908

492082.59	3608446.62	0.341	0.960	1.30067
491873.18	3608334.56	2.733	7.696	10.42859
491929.78	3608349.84	1.476	4.158	5.63475
491879.97	3608317.02	1.804	5.081	6.88472
491893.22	3608305.33	1.310	3.691	5.00130
491889.89	3608289.35	0.970	2.732	3.70184
491907.21	3608277.37	0.742	2.089	2.83077
491909.87	3608246.74	0.424	1.196	1.61977
491914.53	3608232.76	0.333	0.938	1.27098
491920.52	3608219.44	0.268	0.756	1.02460
491923.85	3608203.46	0.207	0.585	0.79223
491922.52	3608187.48	0.159	0.448	0.60680
491933.84	3608176.16	0.140	0.395	0.53540
491936.5	3608332.63	1.257	3.539	4.79551
491945.82	3608306.66	0.928	2.614	3.54137
491948.49	3608292.02	0.777	2.190	2.96683
491954.48	3608266.71	0.553	1.558	2.11145
491965.8	3608249.4	0.429	1.209	1.63876
491959.81	3608230.76	0.336	0.947	1.28255
491973.12	3608219.44	0.287	0.810	1.09722
491965.13	3608198.8	0.215	0.607	0.82256
491987.11	3608190.14	0.198	0.557	0.75483
491975.79	3608366.59	0.958	2.699	3.65733
491980.45	3608353.27	0.907	2.556	3.46315
491988.44	3608337.29	0.815	2.294	3.10892
491991.77	3608319.32	0.734	2.067	2.80096
492001.09	3608294.68	0.591	1.665	2.25623
492006.41	3608282.03	0.522	1.470	1.99125
492013.07	3608266.05	0.443	1.248	1.69069
492013.07	3608251.4	0.387	1.091	1.47861
492028.39	3608241.41	0.337	0.949	1.28634
492019.07	3608222.77	0.287	0.807	1.09396
492045.7	3608210.78	0.244	0.686	0.92979
492031.05	3608385.23	0.604	1.701	2.30489

492035.71	3608369.92	0.594	1.672	2.26514
492027.06	3608353.27	0.629	1.773	2.40207
492046.36	3608339.96	0.541	1.523	2.06412
492040.37	3608324.64	0.542	1.525	2.06710
492057.02	3608313.32	0.471	1.328	1.79919
492055.69	3608297.34	0.445	1.252	1.69702
492059.02	3608282.03	0.404	1.138	1.54222
492069.67	3608270.04	0.359	1.012	1.37170
492061.68	3608253.4	0.333	0.938	1.27110
492078.32	3608241.41	0.289	0.814	1.10313
492079.66	3608226.76	0.259	0.729	0.98789
492069.51	3608395.3	0.453	1.275	1.72707
492076.17	3608375.99	0.448	1.263	1.71152
492085.49	3608364.01	0.427	1.202	1.62907
492102.14	3608406.62	0.357	1.006	1.36297
492129.44	3608410.61	0.301	0.847	1.14781
492095.48	3608352.69	0.402	1.133	1.53512
492094.15	3608336.04	0.401	1.128	1.52891
492135.43	3608348.69	0.321	0.903	1.22325
492101.47	3608312.74	0.368	1.037	1.40458
492120.78	3608244.15	0.255	0.717	0.97181
492106.8	3608297.42	0.342	0.965	1.30717
492168.06	3608256.14	0.227	0.639	0.86554
491832.47	3608106.99	0.022	0.063	0.08573
491853.78	3608116.31	0.031	0.088	0.11875
491874.42	3608123.64	0.042	0.118	0.15950
491899.72	3608128.96	0.056	0.158	0.21428
491836.47	3608093.01	0.020	0.056	0.07609
491877.09	3608106.33	0.034	0.096	0.13013
491905.05	3608118.98	0.051	0.144	0.19482
491907.71	3608101.66	0.041	0.117	0.15843
491883.74	3608091.01	0.030	0.084	0.11412
491848.45	3608065.04	0.017	0.047	0.06312
491853.12	3608053.06	0.015	0.043	0.05831

491873.09	3608063.05	0.020	0.056	0.07616
491909.71	3608072.37	0.030	0.083	0.11290
491921.03	3608059.05	0.028	0.078	0.10564
491925.69	3608040.41	0.023	0.066	0.08941
491856.44	3608031.75	0.013	0.036	0.04900
491867.1	3608010.44	0.012	0.032	0.04399
491875.09	3607976.49	0.009	0.026	0.03520
491918.37	3607991.8	0.014	0.039	0.05340
491945	3608000.46	0.018	0.051	0.06854
491935.09	3608141.53	0.085	0.239	0.32376
491960.9	3608152.59	0.112	0.316	0.42753
491988.54	3608164.57	0.143	0.403	0.54602
491946.15	3608114.81	0.063	0.177	0.24010
491988.54	3608129.55	0.092	0.260	0.35188
492018.04	3608107.44	0.078	0.221	0.29901
491955.37	3608089	0.048	0.135	0.18337
491963.66	3608059.51	0.036	0.101	0.13688
491984.86	3608059.51	0.040	0.113	0.15308
492031.86	3608066.89	0.053	0.149	0.20205
492020.8	3608040.16	0.039	0.109	0.14772
491977.49	3608027.26	0.028	0.078	0.10591
491983.94	3608007.9	0.024	0.067	0.09102
492044.76	3608018.04	0.034	0.097	0.13154
492048.45	3608001.45	0.030	0.085	0.11472
491999.6	3607989.47	0.022	0.061	0.08325
492038.31	3608171.95	0.165	0.466	0.63160
492047.53	3608155.36	0.140	0.393	0.53294
492086.23	3608187.61	0.186	0.525	0.71189
492095.45	3608171.03	0.160	0.452	0.61210
492053.98	3608123.1	0.101	0.284	0.38433
492109.27	3608145.22	0.128	0.360	0.48744
492058.59	3608100.06	0.080	0.226	0.30630
492123.1	3608113.89	0.098	0.276	0.37392
492135.08	3608094.53	0.084	0.236	0.31978

492076.1	3608065.04	0.059	0.167	0.22581
492085.31	3608030.02	0.044	0.124	0.16759
492139.69	3608065.96	0.066	0.187	0.25353
492139.69	3608212.5	0.200	0.563	0.76334
492183.92	3608227.24	0.190	0.536	0.72568
492143.37	3608192.22	0.174	0.491	0.66565
492194.98	3608204.2	0.165	0.465	0.62967
492203.28	3608183.01	0.145	0.408	0.55293
492151.67	3608153.52	0.132	0.371	0.50307
492197.75	3608162.73	0.131	0.368	0.49874
492159.04	3608135.08	0.115	0.323	0.43720
492164.57	3608118.49	0.101	0.285	0.38585
492219.86	3608141.53	0.111	0.314	0.42481
492223.55	3608114.81	0.094	0.266	0.36015
492231.84	3608098.22	0.085	0.238	0.32265
492170.1	3608097.3	0.086	0.243	0.32934
492180.24	3608077.94	0.075	0.211	0.28551
492183.92	3608055.83	0.064	0.179	0.24274
492218.94	3608068.73	0.070	0.198	0.26806
492246.59	3608230.01	0.158	0.445	0.60250
492239.22	3608207.89	0.149	0.419	0.56746
492241.98	3608194.07	0.139	0.392	0.53150
492246.59	3608176.56	0.127	0.358	0.48569
492257.65	3608163.65	0.117	0.329	0.44613
492261.34	3608145.22	0.106	0.299	0.40488
492266.87	3608124.02	0.094	0.266	0.35985
492272.39	3608108.36	0.086	0.243	0.32863
492277.92	3608094.53	0.079	0.224	0.30294
492285.3	3608081.63	0.073	0.207	0.28027
491685.34	3608168.26	0.010	0.029	0.03926
491689.95	3608145.22	0.009	0.025	0.03326
491694.56	3608131.4	0.008	0.023	0.03066
491698.24	3608118.49	0.007	0.021	0.02841
491701.01	3608105.59	0.007	0.019	0.02625

491703.77	3608093.61	0.006	0.018	0.02449
491707.46	3608079.79	0.006	0.017	0.02275
491713.91	3608070.57	0.006	0.016	0.02226
491715.75	3608058.59	0.005	0.015	0.02079
491720.36	3608046.61	0.005	0.015	0.01979
491732.34	3608014.36	0.005	0.013	0.01744
491735.11	3608002.37	0.004	0.012	0.01651
491735.11	3607991.32	0.004	0.011	0.01548
491744.32	3607980.26	0.004	0.011	0.01534
491747.09	3607967.35	0.004	0.011	0.01450
491755.38	3607954.45	0.004	0.010	0.01416
491759.07	3607939.71	0.003	0.010	0.01335
491636.5	3608156.28	0.007	0.020	0.02714
491618.06	3608148.91	0.006	0.018	0.02379
491598.71	3608143.38	0.006	0.016	0.02131
491579.36	3608134.16	0.005	0.014	0.01882
491565.53	3608132.32	0.005	0.013	0.01781
491548.94	3608123.1	0.004	0.012	0.01606
491654.01	3608119.42	0.006	0.017	0.02248
491663.22	3608133.24	0.007	0.019	0.02596
491657.69	3608106.51	0.005	0.015	0.02090
491663.22	3608094.53	0.005	0.015	0.01977
491674.28	3608094.53	0.005	0.015	0.02084
491681.65	3608086.24	0.005	0.015	0.02047
491686.26	3608072.42	0.005	0.014	0.01915
491663.22	3608078.87	0.005	0.013	0.01785
491671.52	3608072.42	0.005	0.013	0.01779
491676.12	3608058.59	0.004	0.012	0.01668
491678.89	3608048.45	0.004	0.012	0.01589
491690.87	3608053.98	0.005	0.013	0.01746
491695.48	3608035.55	0.004	0.012	0.01600
491701.93	3608024.49	0.004	0.011	0.01552
491624.52	3608121.26	0.005	0.015	0.02021
491615.3	3608116.65	0.005	0.014	0.01899

491603.32	3608112.97	0.005	0.013	0.01784
491590.42	3608107.44	0.004	0.012	0.01658
491582.12	3608104.67	0.004	0.012	0.01593
491567.38	3608101.91	0.004	0.011	0.01506
491553.55	3608094.53	0.004	0.010	0.01395
491560	3608079.79	0.003	0.010	0.01309
491571.98	3608083.47	0.004	0.010	0.01375
491585.81	3608088.08	0.004	0.011	0.01462
491599.63	3608094.53	0.004	0.012	0.01576
491614.38	3608097.3	0.004	0.012	0.01675
491626.36	3608102.83	0.005	0.013	0.01804
491630.97	3608077.94	0.004	0.012	0.01569
491613.46	3608071.49	0.004	0.011	0.01431
491635.57	3608062.28	0.004	0.011	0.01451
491647.56	3608065.04	0.004	0.011	0.01538
491568.3	3608046.61	0.003	0.008	0.01119
491556.32	3608038.32	0.003	0.008	0.01048
491572.91	3608032.79	0.003	0.008	0.01052
491594.1	3608048.45	0.003	0.009	0.01195
491589.49	3608035.55	0.003	0.008	0.01104
491608.85	3608039.24	0.003	0.009	0.01178
491612.53	3608025.41	0.003	0.008	0.01104
491625.44	3608040.16	0.003	0.009	0.01239
491636.5	3608029.1	0.003	0.009	0.01205
491654.01	3608027.26	0.003	0.009	0.01267
491643.87	3608011.59	0.003	0.008	0.01123
491667.83	3608015.28	0.003	0.009	0.01252
491689.03	3607995	0.003	0.009	0.01234
491681.65	3607976.57	0.003	0.008	0.01085
491704.69	3607986.71	0.003	0.009	0.01276
491713.91	3607971.96	0.003	0.009	0.01238
491725.89	3607958.14	0.003	0.009	0.01227
491711.15	3607949.84	0.003	0.008	0.01091
491729.58	3607943.39	0.003	0.009	0.01160

491714.83	3607935.1	0.003	0.008	0.01034
491724.97	3607923.12	0.003	0.008	0.01026
491737.87	3607928.65	0.003	0.008	0.01125
491735.11	3607910.22	0.003	0.007	0.01015
491558.16	3608010.67	0.002	0.007	0.00917
491579.36	3607998.69	0.002	0.007	0.00898
491595.95	3608003.3	0.002	0.007	0.00949
491613.46	3607995.92	0.002	0.007	0.00951
491599.63	3607983.94	0.002	0.006	0.00869
491623.59	3607979.33	0.002	0.007	0.00899
491640.18	3607983.02	0.003	0.007	0.00960
491660.46	3607968.28	0.003	0.007	0.00957
491659.54	3607951.69	0.002	0.007	0.00882
491677.05	3607950.77	0.002	0.007	0.00939
491682.58	3607937.86	0.002	0.007	0.00905
491670.6	3607928.65	0.002	0.006	0.00827
491694.56	3607921.27	0.002	0.007	0.00883
491682.58	3607913.9	0.002	0.006	0.00813
491682.58	3607901.92	0.002	0.006	0.00772
491705.62	3607902.84	0.002	0.006	0.00854
491561.62	3607964.09	0.002	0.005	0.00742
491578.12	3607959.66	0.002	0.006	0.00746
491573.42	3607943.99	0.002	0.005	0.00690
491600.84	3607959.66	0.002	0.006	0.00777
491591.44	3607944.77	0.002	0.005	0.00714
491603.97	3607934.59	0.002	0.005	0.00699
491615.72	3607947.91	0.002	0.006	0.00761
491636.09	3607933.02	0.002	0.006	0.00751
491625.12	3607917.35	0.002	0.005	0.00681
491644.71	3607918.92	0.002	0.005	0.00725
491642.36	3607896.99	0.002	0.005	0.00657
491658.03	3607905.6	0.002	0.005	0.00716
491665.08	3607887.59	0.002	0.005	0.00681
491647.06	3607883.67	0.002	0.005	0.00631

491564.8	3607922.84	0.002	0.005	0.00623
491587.52	3607913.44	0.002	0.005	0.00619
491573.42	3607903.25	0.002	0.004	0.00581
491607.11	3607896.2	0.002	0.004	0.00598
491603.97	3607878.97	0.001	0.004	0.00555
491621.99	3607877.4	0.002	0.004	0.00574
491892.25	3607962.79	0.009	0.026	0.03542
491943.96	3607975.32	0.014	0.040	0.05438
491586.79	3608712.31	0.045	0.127	0.17200
491579.14	3608732.72	0.039	0.110	0.14913
491579.14	3608751.86	0.035	0.099	0.13362
491563.83	3608778.64	0.029	0.083	0.11179
491558.73	3608797.78	0.026	0.074	0.10033
491545.97	3608824.57	0.023	0.064	0.08615
491543.42	3608838.6	0.021	0.059	0.08036
491534.49	3608869.21	0.018	0.051	0.06918
491635.26	3608725.07	0.046	0.129	0.17499
491665.88	3608731.45	0.045	0.126	0.17099
491654.4	3608756.96	0.037	0.104	0.14125
491627.61	3608748.03	0.039	0.109	0.14776
491621.23	3608764.61	0.035	0.097	0.13170
491651.85	3608772.27	0.033	0.094	0.12710
491635.26	3608823.29	0.024	0.068	0.09240
491608.48	3608810.54	0.026	0.073	0.09890
491603.37	3608829.67	0.023	0.065	0.08870
491627.61	3608838.6	0.022	0.063	0.08474
491622.51	3608866.66	0.019	0.054	0.07291
491590.62	3608859.01	0.020	0.056	0.07570
491586.79	3608875.59	0.018	0.051	0.06964
491617.41	3608884.52	0.017	0.049	0.06662
491707.97	3608753.13	0.038	0.108	0.14630
491702.87	3608768.44	0.034	0.097	0.13082
491696.49	3608791.4	0.029	0.083	0.11185
491688.84	3608805.43	0.027	0.075	0.10224

491683.74	3608834.77	0.022	0.063	0.08569
491674.81	3608851.36	0.020	0.058	0.07813
491669.71	3608874.32	0.018	0.051	0.06912
491667.15	3608903.66	0.016	0.044	0.05962
491741.14	3608758.23	0.037	0.105	0.14273
491733.49	3608772.27	0.034	0.095	0.12847
491727.11	3608797.78	0.028	0.080	0.10790
491720.73	3608809.26	0.026	0.074	0.10008
491711.8	3608833.5	0.023	0.064	0.08629
491706.7	3608855.18	0.020	0.056	0.07628
491701.6	3608871.77	0.018	0.051	0.06974
491699.05	3608899.83	0.016	0.045	0.06044
491778.13	3608770.99	0.035	0.099	0.13465
491773.03	3608791.4	0.031	0.086	0.11658
491762.83	3608811.81	0.027	0.075	0.10128
491760.28	3608828.39	0.024	0.067	0.09140
491755.17	3608851.36	0.021	0.059	0.07977
491747.52	3608869.21	0.019	0.053	0.07196
491738.59	3608884.52	0.017	0.049	0.06606
491738.59	3608902.38	0.016	0.045	0.06043
491804.92	3608781.2	0.034	0.095	0.12922
491802.37	3608806.71	0.029	0.081	0.10916
491789.61	3608822.02	0.026	0.072	0.09794
491788.34	3608839.87	0.023	0.065	0.08806
491774.31	3608853.91	0.021	0.059	0.08012
491778.13	3608875.59	0.019	0.053	0.07158
491773.03	3608892.17	0.017	0.048	0.06540
491770.48	3608916.41	0.015	0.043	0.05794
491848.29	3608793.95	0.032	0.090	0.12256
491845.74	3608815.64	0.028	0.079	0.10711
491835.54	3608834.77	0.025	0.070	0.09511
491829.16	3608859.01	0.022	0.061	0.08262
491824.06	3608874.32	0.020	0.056	0.07577
491824.06	3608890.9	0.018	0.051	0.06956

491820.23	3608904.93	0.017	0.048	0.06462
491818.95	3608924.07	0.015	0.043	0.05884
491817.68	3608940.65	0.014	0.040	0.05441
491873.81	3608822.02	0.027	0.077	0.10402
491864.88	3608842.43	0.024	0.068	0.09256
491859.77	3608864.11	0.022	0.061	0.08214
491855.95	3608878.14	0.020	0.056	0.07617
491849.57	3608899.83	0.018	0.050	0.06798
491857.22	3608915.14	0.017	0.047	0.06347
491869.98	3608930.44	0.016	0.044	0.05959
491890.39	3608932.99	0.016	0.044	0.05950
491915.9	3608818.19	0.027	0.077	0.10477
491914.63	3608838.6	0.025	0.069	0.09401
491904.42	3608855.18	0.023	0.064	0.08661
491903.14	3608874.32	0.021	0.058	0.07866
491895.49	3608897.28	0.018	0.052	0.07033
491915.9	3608899.83	0.018	0.051	0.06948
491936.31	3608902.38	0.018	0.050	0.06826
491952.89	3608910.03	0.017	0.048	0.06542
491966.93	3608922.79	0.016	0.045	0.06139
491923.55	3608947.03	0.015	0.042	0.05630
491945.24	3608961.06	0.014	0.039	0.05298
491737.31	3608925.34	0.014	0.040	0.05413
CONCUNIT ug	m^3	0.000	0.000	0.00000
DEPUNIT g/m	2	0.000	0.000	0.00000

Moss Street

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 $(ug/m3)^{-1}$
2019	1	1	261	1	0.25	1.0
2020	1	1	261	1	1	3.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street **No Mitigation** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Adult Cancer 2019 (/million)	Adult Cancer 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	0.515	1.449	1.96403
491770.82	3608296.56	0.069	0.194	0.26252
491786.69	3608300.4	0.138	0.389	0.52744
491777.07	3608270.58	0.031	0.087	0.11795
491794.39	3608275.87	0.058	0.165	0.22335
491789.88	3608254.44	0.025	0.072	0.09684
491793.88	3608239.79	0.018	0.052	0.07021
491796.54	3608225.81	0.014	0.039	0.05283
491799.2	3608213.16	0.011	0.031	0.04228
491804.53	3608198.51	0.009	0.026	0.03473
491835.16	3608317.03	0.323	0.911	1.23380
491837.82	3608303.71	0.222	0.624	0.84598
491843.81	3608287.73	0.141	0.397	0.53747
491851.14	3608274.41	0.100	0.283	0.38299
491863.07	3608247.22	0.055	0.154	0.20828
491867.68	3608231.55	0.040	0.112	0.15124
491875.05	3608218.65	0.032	0.090	0.12193
491878.74	3608195.61	0.021	0.059	0.08027
491885.19	3608177.18	0.016	0.045	0.06104
491807.78	3608183.63	0.007	0.021	0.02809
491812.39	3608167.97	0.006	0.017	0.02330
491819.76	3608146.77	0.005	0.014	0.01878
491840.03	3608155.06	0.007	0.020	0.02679
491868.6	3608170.73	0.012	0.035	0.04695
491865.26	3608414.36	0.480	1.353	1.83312
491867.52	3608403.04	0.492	1.384	1.87588
491872.05	3608392.29	0.482	1.357	1.83915
491874.88	3608377.58	0.487	1.371	1.85736
491886.76	3608431.91	0.317	0.892	1.20872
491890.73	3608422.29	0.318	0.895	1.21303
491896.39	3608409.84	0.314	0.886	1.20001
491900.35	3608397.38	0.315	0.887	1.20148
491903.74	3608384.93	0.314	0.883	1.19684
491912.8	3608444.92	0.210	0.591	0.80124
491917.89	3608432.47	0.215	0.604	0.81894
491921.29	3608418.89	0.222	0.626	0.84828

Maximum Caner Risk
2.0
SDAQMD threshold of significance
10
Exceed thresholds?
No

491926.95	3608408.14	0.219	0.617	0.83588
491930.91	3608396.25	0.219	0.616	0.83504
491950.72	3608425.12	0.159	0.447	0.60528
491954.11	3608416.06	0.160	0.451	0.61142
491959.21	3608404.74	0.159	0.449	0.60868
491984.11	3608467.56	0.090	0.253	0.34240
491987.5	3608453.98	0.096	0.271	0.36790
491993.16	3608442.66	0.099	0.279	0.37777
491998.26	3608432.47	0.101	0.283	0.38380
492002.22	3608421.15	0.103	0.290	0.39259
492012.41	3608475.49	0.068	0.192	0.26004
492015.24	3608463.6	0.073	0.205	0.27844
492020.9	3608451.15	0.076	0.214	0.29027
492024.29	3608441.53	0.079	0.221	0.29970
492028.25	3608428.51	0.082	0.230	0.31130
492037.31	3608486.24	0.053	0.149	0.20212
492042.4	3608472.09	0.057	0.161	0.21769
492046.36	3608461.34	0.060	0.168	0.22824
492050.89	3608450.58	0.062	0.175	0.23669
492055.42	3608440.4	0.064	0.179	0.24294
492065.61	3608493.6	0.042	0.119	0.16087
492069	3608481.15	0.045	0.128	0.17313
492075.23	3608469.26	0.047	0.134	0.18098
492078.06	3608457.38	0.050	0.141	0.19150
492082.59	3608446.62	0.052	0.146	0.19783
491873.18	3608334.56	0.416	1.171	1.58617
491929.78	3608349.84	0.225	0.632	0.85703
491879.97	3608317.02	0.274	0.773	1.04715
491893.22	3608305.33	0.199	0.561	0.76069
491889.89	3608289.35	0.147	0.416	0.56304
491907.21	3608277.37	0.113	0.318	0.43055
491909.87	3608246.74	0.065	0.182	0.24636
491914.53	3608232.76	0.051	0.143	0.19331
491920.52	3608219.44	0.041	0.115	0.15584
491923.85	3608203.46	0.032	0.089	0.12050
491922.52	3608187.48	0.024	0.068	0.09229
491933.84	3608176.16	0.021	0.060	0.08143
491936.5	3608332.63	0.191	0.538	0.72939
491945.82	3608306.66	0.141	0.398	0.53863
491948.49	3608292.02	0.118	0.333	0.45125
491954.48	3608266.71	0.084	0.237	0.32115
491965.8	3608249.4	0.065	0.184	0.24925
491959.81	3608230.76	0.051	0.144	0.19507
491973.12	3608219.44	0.044	0.123	0.16688

491965.13	3608198.8	0.033	0.092	0.12511
491987.11	3608190.14	0.030	0.085	0.11481
491975.79	3608366.59	0.146	0.411	0.55627
491980.45	3608353.27	0.138	0.389	0.52674
491988.44	3608337.29	0.124	0.349	0.47286
491991.77	3608319.32	0.112	0.314	0.42602
492001.09	3608294.68	0.090	0.253	0.34317
492006.41	3608282.03	0.079	0.224	0.30287
492013.07	3608266.05	0.067	0.190	0.25715
492013.07	3608251.4	0.059	0.166	0.22489
492028.39	3608241.41	0.051	0.144	0.19565
492019.07	3608222.77	0.044	0.123	0.16639
492045.7	3608210.78	0.037	0.104	0.14142
492031.05	3608385.23	0.092	0.259	0.35057
492035.71	3608369.92	0.090	0.254	0.34452
492027.06	3608353.27	0.096	0.270	0.36535
492046.36	3608339.96	0.082	0.232	0.31395
492040.37	3608324.64	0.082	0.232	0.31440
492057.02	3608313.32	0.072	0.202	0.27365
492055.69	3608297.34	0.068	0.190	0.25811
492059.02	3608282.03	0.061	0.173	0.23457
492069.67	3608270.04	0.055	0.154	0.20863
492061.68	3608253.4	0.051	0.143	0.19333
492078.32	3608241.41	0.044	0.124	0.16778
492079.66	3608226.76	0.039	0.111	0.15026
492069.51	3608395.3	0.069	0.194	0.26268
492076.17	3608375.99	0.068	0.192	0.26032
492085.49	3608364.01	0.065	0.183	0.24778
492102.14	3608406.62	0.054	0.153	0.20730
492129.44	3608410.61	0.046	0.129	0.17458
492095.48	3608352.69	0.061	0.172	0.23349
492094.15	3608336.04	0.061	0.172	0.23254
492135.43	3608348.69	0.049	0.137	0.18605
492101.47	3608312.74	0.056	0.158	0.21363
492120.78	3608244.15	0.039	0.109	0.14781
492106.8	3608297.42	0.052	0.147	0.19882
492168.06	3608256.14	0.034	0.097	0.13165
491832.47	3608106.99	0.003	0.010	0.01304
491853.78	3608116.31	0.005	0.013	0.01806
491874.42	3608123.64	0.006	0.018	0.02426
491899.72	3608128.96	0.009	0.024	0.03259
491836.47	3608093.01	0.003	0.009	0.01157
491877.09	3608106.33	0.005	0.015	0.01979
491905.05	3608118.98	0.008	0.022	0.02963

491907.71	3608101.66	0.006	0.018	0.02410
491883.74	3608091.01	0.005	0.013	0.01736
491848.45	3608065.04	0.003	0.007	0.00960
491853.12	3608053.06	0.002	0.007	0.00887
491873.09	3608063.05	0.003	0.009	0.01158
491909.71	3608072.37	0.004	0.013	0.01717
491921.03	3608059.05	0.004	0.012	0.01607
491925.69	3608040.41	0.004	0.010	0.01360
491856.44	3608031.75	0.002	0.006	0.00745
491867.1	3608010.44	0.002	0.005	0.00669
491875.09	3607976.49	0.001	0.004	0.00535
491918.37	3607991.8	0.002	0.006	0.00812
491945	3608000.46	0.003	0.008	0.01043
491935.09	3608141.53	0.013	0.036	0.04924
491960.9	3608152.59	0.017	0.048	0.06503
491988.54	3608164.57	0.022	0.061	0.08305
491946.15	3608114.81	0.010	0.027	0.03652
491988.54	3608129.55	0.014	0.040	0.05352
492018.04	3608107.44	0.012	0.034	0.04548
491955.37	3608089	0.007	0.021	0.02789
491963.66	3608059.51	0.005	0.015	0.02082
491984.86	3608059.51	0.006	0.017	0.02328
492031.86	3608066.89	0.008	0.023	0.03073
492020.8	3608040.16	0.006	0.017	0.02247
491977.49	3608027.26	0.004	0.012	0.01611
491983.94	3608007.9	0.004	0.010	0.01384
492044.76	3608018.04	0.005	0.015	0.02001
492048.45	3608001.45	0.005	0.013	0.01745
491999.6	3607989.47	0.003	0.009	0.01266
492038.31	3608171.95	0.025	0.071	0.09606
492047.53	3608155.36	0.021	0.060	0.08106
492086.23	3608187.61	0.028	0.080	0.10828
492095.45	3608171.03	0.024	0.069	0.09310
492053.98	3608123.1	0.015	0.043	0.05846
492109.27	3608145.22	0.019	0.055	0.07414
492058.59	3608100.06	0.012	0.034	0.04659
492123.1	3608113.89	0.015	0.042	0.05687
492135.08	3608094.53	0.013	0.036	0.04864
492076.1	3608065.04	0.009	0.025	0.03434
492085.31	3608030.02	0.007	0.019	0.02549
492139.69	3608065.96	0.010	0.028	0.03856
492139.69	3608212.5	0.030	0.086	0.11610
492183.92	3608227.24	0.029	0.081	0.11037
492143.37	3608192.22	0.027	0.075	0.10124

492194.98	3608204.2	0.025	0.071	0.09577
492203.28	3608183.01	0.022	0.062	0.08410
492151.67	3608153.52	0.020	0.056	0.07652
492197.75	3608162.73	0.020	0.056	0.07586
492159.04	3608135.08	0.017	0.049	0.06650
492164.57	3608118.49	0.015	0.043	0.05869
492219.86	3608141.53	0.017	0.048	0.06461
492223.55	3608114.81	0.014	0.040	0.05478
492231.84	3608098.22	0.013	0.036	0.04907
492170.1	3608097.3	0.013	0.037	0.05009
492180.24	3608077.94	0.011	0.032	0.04343
492183.92	3608055.83	0.010	0.027	0.03692
492218.94	3608068.73	0.011	0.030	0.04077
492246.59	3608230.01	0.024	0.068	0.09164
492239.22	3608207.89	0.023	0.064	0.08631
492241.98	3608194.07	0.021	0.060	0.08084
492246.59	3608176.56	0.019	0.055	0.07387
492257.65	3608163.65	0.018	0.050	0.06786
492261.34	3608145.22	0.016	0.045	0.06158
492266.87	3608124.02	0.014	0.040	0.05473
492272.39	3608108.36	0.013	0.037	0.04998
492277.92	3608094.53	0.012	0.034	0.04608
492285.3	3608081.63	0.011	0.031	0.04263
491685.34	3608168.26	0.002	0.004	0.00597
491689.95	3608145.22	0.001	0.004	0.00506
491694.56	3608131.4	0.001	0.003	0.00466
491698.24	3608118.49	0.001	0.003	0.00432
491701.01	3608105.59	0.001	0.003	0.00399
491703.77	3608093.61	0.001	0.003	0.00372
491707.46	3608079.79	0.001	0.003	0.00346
491713.91	3608070.57	0.001	0.003	0.00339
491715.75	3608058.59	0.001	0.002	0.00316
491720.36	3608046.61	0.001	0.002	0.00301
491732.34	3608014.36	0.001	0.002	0.00265
491735.11	3608002.37	0.001	0.002	0.00251
491735.11	3607991.32	0.001	0.002	0.00235
491744.32	3607980.26	0.001	0.002	0.00233
491747.09	3607967.35	0.001	0.002	0.00221
491755.38	3607954.45	0.001	0.002	0.00215
491759.07	3607939.71	0.001	0.001	0.00203
491636.5	3608156.28	0.001	0.003	0.00413
491618.06	3608148.91	0.001	0.003	0.00362
491598.71	3608143.38	0.001	0.002	0.00324
491579.36	3608134.16	0.001	0.002	0.00286

491565.53	3608132.32	0.001	0.002	0.00271
491548.94	3608123.1	0.001	0.002	0.00244
491654.01	3608119.42	0.001	0.003	0.00342
491663.22	3608133.24	0.001	0.003	0.00395
491657.69	3608106.51	0.001	0.002	0.00318
491663.22	3608094.53	0.001	0.002	0.00301
491674.28	3608094.53	0.001	0.002	0.00317
491681.65	3608086.24	0.001	0.002	0.00311
491686.26	3608072.42	0.001	0.002	0.00291
491663.22	3608078.87	0.001	0.002	0.00272
491671.52	3608072.42	0.001	0.002	0.00271
491676.12	3608058.59	0.001	0.002	0.00254
491678.89	3608048.45	0.001	0.002	0.00242
491690.87	3608053.98	0.001	0.002	0.00266
491695.48	3608035.55	0.001	0.002	0.00243
491701.93	3608024.49	0.001	0.002	0.00236
491624.52	3608121.26	0.001	0.002	0.00307
491615.3	3608116.65	0.001	0.002	0.00289
491603.32	3608112.97	0.001	0.002	0.00271
491590.42	3608107.44	0.001	0.002	0.00252
491582.12	3608104.67	0.001	0.002	0.00242
491567.38	3608101.91	0.001	0.002	0.00229
491553.55	3608094.53	0.001	0.002	0.00212
491560	3608079.79	0.001	0.001	0.00199
491571.98	3608083.47	0.001	0.002	0.00209
491585.81	3608088.08	0.001	0.002	0.00222
491599.63	3608094.53	0.001	0.002	0.00240
491614.38	3608097.3	0.001	0.002	0.00255
491626.36	3608102.83	0.001	0.002	0.00274
491630.97	3608077.94	0.001	0.002	0.00239
491613.46	3608071.49	0.001	0.002	0.00218
491635.57	3608062.28	0.001	0.002	0.00221
491647.56	3608065.04	0.001	0.002	0.00234
491568.3	3608046.61	0.000	0.001	0.00170
491556.32	3608038.32	0.000	0.001	0.00159
491572.91	3608032.79	0.000	0.001	0.00160
491594.1	3608048.45	0.000	0.001	0.00182
491589.49	3608035.55	0.000	0.001	0.00168
491608.85	3608039.24	0.000	0.001	0.00179
491612.53	3608025.41	0.000	0.001	0.00168
491625.44	3608040.16	0.000	0.001	0.00188
491636.5	3608029.1	0.000	0.001	0.00183
491654.01	3608027.26	0.001	0.001	0.00193
491643.87	3608011.59	0.000	0.001	0.00171

491667.83	3608015.28	0.000	0.001	0.00190
491689.03	3607995	0.000	0.001	0.00188
491681.65	3607976.57	0.000	0.001	0.00165
491704.69	3607986.71	0.001	0.001	0.00194
491713.91	3607971.96	0.000	0.001	0.00188
491725.89	3607958.14	0.000	0.001	0.00187
491711.15	3607949.84	0.000	0.001	0.00166
491729.58	3607943.39	0.000	0.001	0.00176
491714.83	3607935.1	0.000	0.001	0.00157
491724.97	3607923.12	0.000	0.001	0.00156
491737.87	3607928.65	0.000	0.001	0.00171
491735.11	3607910.22	0.000	0.001	0.00154
491558.16	3608010.67	0.000	0.001	0.00140
491579.36	3607998.69	0.000	0.001	0.00137
491595.95	3608003.3	0.000	0.001	0.00144
491613.46	3607995.92	0.000	0.001	0.00145
491599.63	3607983.94	0.000	0.001	0.00132
491623.59	3607979.33	0.000	0.001	0.00137
491640.18	3607983.02	0.000	0.001	0.00146
491660.46	3607968.28	0.000	0.001	0.00146
491659.54	3607951.69	0.000	0.001	0.00134
491677.05	3607950.77	0.000	0.001	0.00143
491682.58	3607937.86	0.000	0.001	0.00138
491670.6	3607928.65	0.000	0.001	0.00126
491694.56	3607921.27	0.000	0.001	0.00134
491682.58	3607913.9	0.000	0.001	0.00124
491682.58	3607901.92	0.000	0.001	0.00117
491705.62	3607902.84	0.000	0.001	0.00130
491561.62	3607964.09	0.000	0.001	0.00113
491578.12	3607959.66	0.000	0.001	0.00113
491573.42	3607943.99	0.000	0.001	0.00105
491600.84	3607959.66	0.000	0.001	0.00118
491591.44	3607944.77	0.000	0.001	0.00109
491603.97	3607934.59	0.000	0.001	0.00106
491615.72	3607947.91	0.000	0.001	0.00116
491636.09	3607933.02	0.000	0.001	0.00114
491625.12	3607917.35	0.000	0.001	0.00104
491644.71	3607918.92	0.000	0.001	0.00110
491642.36	3607896.99	0.000	0.001	0.00100
491658.03	3607905.6	0.000	0.001	0.00109
491665.08	3607887.59	0.000	0.001	0.00104
491647.06	3607883.67	0.000	0.001	0.00096
491564.8	3607922.84	0.000	0.001	0.00095

491587.52	3607913.44	0.000	0.001	0.00094
491573.42	3607903.25	0.000	0.001	0.00088
491607.11	3607896.2	0.000	0.001	0.00091
491603.97	3607878.97	0.000	0.001	0.00084
491621.99	3607877.4	0.000	0.001	0.00087
491892.25	3607962.79	0.001	0.004	0.00539
491943.96	3607975.32	0.002	0.006	0.00827
491586.79	3608712.31	0.007	0.019	0.02616
491579.14	3608732.72	0.006	0.017	0.02268
491579.14	3608751.86	0.005	0.015	0.02032
491563.83	3608778.64	0.004	0.013	0.01700
491558.73	3608797.78	0.004	0.011	0.01526
491545.97	3608824.57	0.003	0.010	0.01310
491543.42	3608838.6	0.003	0.009	0.01222
491534.49	3608869.21	0.003	0.008	0.01052
491635.26	3608725.07	0.007	0.020	0.02662
491665.88	3608731.45	0.007	0.019	0.02601
491654.4	3608756.96	0.006	0.016	0.02148
491627.61	3608748.03	0.006	0.017	0.02247
491621.23	3608764.61	0.005	0.015	0.02003
491651.85	3608772.27	0.005	0.014	0.01933
491635.26	3608823.29	0.004	0.010	0.01405
491608.48	3608810.54	0.004	0.011	0.01504
491603.37	3608829.67	0.004	0.010	0.01349
491627.61	3608838.6	0.003	0.010	0.01289
491622.51	3608866.66	0.003	0.008	0.01109
491590.62	3608859.01	0.003	0.008	0.01151
491586.79	3608875.59	0.003	0.008	0.01059
491617.41	3608884.52	0.003	0.007	0.01013
491707.97	3608753.13	0.006	0.016	0.02225
491702.87	3608768.44	0.005	0.015	0.01990
491696.49	3608791.4	0.004	0.013	0.01701
491688.84	3608805.43	0.004	0.011	0.01555
491683.74	3608834.77	0.003	0.010	0.01303
491674.81	3608851.36	0.003	0.009	0.01188
491669.71	3608874.32	0.003	0.008	0.01051
491667.15	3608903.66	0.002	0.007	0.00907
491741.14	3608758.23	0.006	0.016	0.02171
491733.49	3608772.27	0.005	0.014	0.01954
491727.11	3608797.78	0.004	0.012	0.01641
491720.73	3608809.26	0.004	0.011	0.01522
491711.8	3608833.5	0.003	0.010	0.01313
491706.7	3608855.18	0.003	0.009	0.01160
491701.6	3608871.77	0.003	0.008	0.01061

491699.05	3608899.83	0.002	0.007	0.00919
491778.13	3608770.99	0.005	0.015	0.02048
491773.03	3608791.4	0.005	0.013	0.01773
491762.83	3608811.81	0.004	0.011	0.01540
491760.28	3608828.39	0.004	0.010	0.01390
491755.17	3608851.36	0.003	0.009	0.01213
491747.52	3608869.21	0.003	0.008	0.01095
491738.59	3608884.52	0.003	0.007	0.01005
491738.59	3608902.38	0.002	0.007	0.00919
491804.92	3608781.2	0.005	0.015	0.01965
491802.37	3608806.71	0.004	0.012	0.01660
491789.61	3608822.02	0.004	0.011	0.01490
491788.34	3608839.87	0.004	0.010	0.01339
491774.31	3608853.91	0.003	0.009	0.01219
491778.13	3608875.59	0.003	0.008	0.01089
491773.03	3608892.17	0.003	0.007	0.00995
491770.48	3608916.41	0.002	0.007	0.00881
491848.29	3608793.95	0.005	0.014	0.01864
491845.74	3608815.64	0.004	0.012	0.01629
491835.54	3608834.77	0.004	0.011	0.01447
491829.16	3608859.01	0.003	0.009	0.01257
491824.06	3608874.32	0.003	0.009	0.01153
491824.06	3608890.9	0.003	0.008	0.01058
491820.23	3608904.93	0.003	0.007	0.00983
491818.95	3608924.07	0.002	0.007	0.00895
491817.68	3608940.65	0.002	0.006	0.00828
491873.81	3608822.02	0.004	0.012	0.01582
491864.88	3608842.43	0.004	0.010	0.01408
491859.77	3608864.11	0.003	0.009	0.01249
491855.95	3608878.14	0.003	0.009	0.01159
491849.57	3608899.83	0.003	0.008	0.01034
491857.22	3608915.14	0.003	0.007	0.00965
491869.98	3608930.44	0.002	0.007	0.00906
491890.39	3608932.99	0.002	0.007	0.00905
491915.9	3608818.19	0.004	0.012	0.01594
491914.63	3608838.6	0.004	0.011	0.01430
491904.42	3608855.18	0.003	0.010	0.01317
491903.14	3608874.32	0.003	0.009	0.01196
491895.49	3608897.28	0.003	0.008	0.01070
491915.9	3608899.83	0.003	0.008	0.01057
491936.31	3608902.38	0.003	0.008	0.01038
491952.89	3608910.03	0.003	0.007	0.00995
491966.93	3608922.79	0.002	0.007	0.00934
491923.55	3608947.03	0.002	0.006	0.00856

491945.24	3608961.06	0.002	0.006	0.00806
491737.31	3608925.34	0.002	0.006	0.00823
CONCUNIT ug	m^3	0.000	0.000	
DEPUNIT g/m^	2	0.000	0.000	

Moss Street

No Mitigation
at Sensitive Receptors

Chronic Non-Cancer Hazard Index

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

CNCHI = DPM/REL

X (m)	Y (m)	2019 DPM (ug/m3)	2020 DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
491856.94	3608423.76	0.523448	0.368526	0.523448	0.10469
491770.82	3608296.56	0.069681	0.049329	0.069681	0.01394
491786.69	3608300.4	0.140314	0.099031	0.140314	0.02806
491777.07	3608270.58	0.031304	0.022164	0.031304	0.00626
491794.39	3608275.87	0.059401	0.041941	0.059401	0.01188
491789.88	3608254.44	0.025727	0.018192	0.025727	0.00515
491793.88	3608239.79	0.018652	0.013188	0.018652	0.00373
491796.54	3608225.81	0.014037	0.009924	0.014037	0.00281
491799.2	3608213.16	0.011235	0.007942	0.011235	0.00225
491804.53	3608198.51	0.00923	0.006522	0.00923	0.00185
491835.16	3608317.03	0.328718	0.231535	0.328718	0.06574
491837.82	3608303.71	0.225361	0.158765	0.225361	0.04507
491843.81	3608287.73	0.143157	0.100871	0.143157	0.02863
491851.14	3608274.41	0.102004	0.071882	0.102004	0.02040
491863.07	3608247.22	0.055464	0.039093	0.055464	0.01109
491867.68	3608231.55	0.040271	0.028388	0.040271	0.00805
491875.05	3608218.65	0.032465	0.022886	0.032465	0.00649
491878.74	3608195.61	0.021371	0.015067	0.021371	0.00427
491885.19	3608177.18	0.016251	0.011458	0.016251	0.00325
491807.78	3608183.63	0.007469	0.005276	0.007469	0.00149
491812.39	3608167.97	0.006197	0.004376	0.006197	0.00124
491819.76	3608146.77	0.004994	0.003525	0.004994	0.00100
491840.03	3608155.06	0.007127	0.00503	0.007127	0.00143

Maximum Caner Risk
0.10
SDAQMD threshold of significance
1
Exceed thresholds?
No

491868.6	3608170.73	0.012497	0.008813	0.012497	0.00250
491865.26	3608414.36	0.488557	0.343963	0.488557	0.09771
491867.52	3608403.04	0.499951	0.351987	0.499951	0.09999
491872.05	3608392.29	0.490158	0.345095	0.490158	0.09803
491874.88	3608377.58	0.495008	0.348513	0.495008	0.09900
491886.76	3608431.91	0.322142	0.226802	0.322142	0.06443
491890.73	3608422.29	0.323291	0.227612	0.323291	0.06466
491896.39	3608409.84	0.319818	0.225168	0.319818	0.06396
491900.35	3608397.38	0.320207	0.225444	0.320207	0.06404
491903.74	3608384.93	0.318969	0.224575	0.318969	0.06379
491912.8	3608444.92	0.213541	0.150343	0.213541	0.04271
491917.89	3608432.47	0.218256	0.153664	0.218256	0.04365
491921.29	3608418.89	0.226075	0.15917	0.226075	0.04522
491926.95	3608408.14	0.22277	0.156844	0.22277	0.04455
491930.91	3608396.25	0.222544	0.156686	0.222544	0.04451
491950.72	3608425.12	0.161312	0.113574	0.161312	0.03226
491954.11	3608416.06	0.162947	0.114726	0.162947	0.03259
491959.21	3608404.74	0.162218	0.114213	0.162218	0.03244
491984.11	3608467.56	0.091253	0.064248	0.091253	0.01825
491987.5	3608453.98	0.098047	0.069032	0.098047	0.01961
491993.16	3608442.66	0.100678	0.070885	0.100678	0.02014
491998.26	3608432.47	0.102286	0.072017	0.102286	0.02046
492002.22	3608421.15	0.104628	0.073666	0.104628	0.02093
492012.41	3608475.49	0.069302	0.048794	0.069302	0.01386
492015.24	3608463.6	0.074205	0.052246	0.074205	0.01484
492020.9	3608451.15	0.077359	0.054467	0.077359	0.01547
492024.29	3608441.53	0.07987	0.056235	0.07987	0.01597
492028.25	3608428.51	0.082961	0.058412	0.082961	0.01659
492037.31	3608486.24	0.053867	0.037927	0.053867	0.01077
492042.4	3608472.09	0.058016	0.040848	0.058016	0.01160
492046.36	3608461.34	0.060828	0.042828	0.060828	0.01217
492050.89	3608450.58	0.063078	0.044412	0.063078	0.01262
492055.42	3608440.4	0.064743	0.045585	0.064743	0.01295
492065.61	3608493.6	0.042872	0.030186	0.042872	0.00857

492069	3608481.15	0.04614	0.032487	0.04614	0.00923
492075.23	3608469.26	0.048233	0.03396	0.048233	0.00965
492078.06	3608457.38	0.051036	0.035934	0.051036	0.01021
492082.59	3608446.62	0.052722	0.037121	0.052722	0.01054
491873.18	3608334.56	0.422703	0.297634	0.422703	0.08454
491929.78	3608349.84	0.228397	0.160816	0.228397	0.04568
491879.97	3608317.02	0.279038	0.196496	0.279038	0.05581
491893.22	3608305.33	0.202694	0.142744	0.202694	0.04054
491889.89	3608289.35	0.150013	0.105659	0.150013	0.03000
491907.21	3608277.37	0.114712	0.080798	0.114712	0.02294
491909.87	3608246.74	0.065627	0.046235	0.065627	0.01313
491914.53	3608232.76	0.051493	0.03628	0.051493	0.01030
491920.52	3608219.44	0.041509	0.029248	0.041509	0.00830
491923.85	3608203.46	0.032093	0.022615	0.032093	0.00642
491922.52	3608187.48	0.02458	0.017322	0.02458	0.00492
491933.84	3608176.16	0.021688	0.015284	0.021688	0.00434
491936.5	3608332.63	0.194373	0.136865	0.194373	0.03887
491945.82	3608306.66	0.143531	0.101074	0.143531	0.02871
491948.49	3608292.02	0.120241	0.084678	0.120241	0.02405
491954.48	3608266.71	0.085567	0.060266	0.085567	0.01711
491965.8	3608249.4	0.066408	0.046774	0.066408	0.01328
491959.81	3608230.76	0.051969	0.036608	0.051969	0.01039
491973.12	3608219.44	0.044459	0.031318	0.044459	0.00889
491965.13	3608198.8	0.033327	0.023479	0.033327	0.00667
491987.11	3608190.14	0.030584	0.021546	0.030584	0.00612
491975.79	3608366.59	0.148246	0.10438	0.148246	0.02965
491980.45	3608353.27	0.140373	0.098839	0.140373	0.02807
491988.44	3608337.29	0.126012	0.08873	0.126012	0.02520
491991.77	3608319.32	0.113526	0.079941	0.113526	0.02271
492001.09	3608294.68	0.091444	0.064395	0.091444	0.01829
492006.41	3608282.03	0.080702	0.056833	0.080702	0.01614
492013.07	3608266.05	0.068519	0.048255	0.068519	0.01370
492013.07	3608251.4	0.059922	0.042203	0.059922	0.01198
492028.39	3608241.41	0.05213	0.036715	0.05213	0.01043

492019.07	3608222.77	0.044331	0.031224	0.044331	0.00887
492045.7	3608210.78	0.037679	0.026539	0.037679	0.00754
492031.05	3608385.23	0.093426	0.065781	0.093426	0.01869
492035.71	3608369.92	0.091814	0.064647	0.091814	0.01836
492027.06	3608353.27	0.097363	0.068556	0.097363	0.01947
492046.36	3608339.96	0.083663	0.058911	0.083663	0.01673
492040.37	3608324.64	0.083783	0.058996	0.083783	0.01676
492057.02	3608313.32	0.072923	0.05135	0.072923	0.01458
492055.69	3608297.34	0.06878	0.048434	0.06878	0.01376
492059.02	3608282.03	0.062505	0.044017	0.062505	0.01250
492069.67	3608270.04	0.055593	0.03915	0.055593	0.01112
492061.68	3608253.4	0.051514	0.036279	0.051514	0.01030
492078.32	3608241.41	0.044706	0.031485	0.044706	0.00894
492079.66	3608226.76	0.040035	0.028196	0.040035	0.00801
492069.51	3608395.3	0.070004	0.049291	0.070004	0.01400
492076.17	3608375.99	0.069373	0.048847	0.069373	0.01387
492085.49	3608364.01	0.066031	0.046494	0.066031	0.01321
492102.14	3608406.62	0.055246	0.038899	0.055246	0.01105
492129.44	3608410.61	0.046525	0.032759	0.046525	0.00930
492095.48	3608352.69	0.062222	0.043813	0.062222	0.01244
492094.15	3608336.04	0.061969	0.043636	0.061969	0.01239
492135.43	3608348.69	0.049581	0.034912	0.049581	0.00992
492101.47	3608312.74	0.056929	0.040088	0.056929	0.01139
492120.78	3608244.15	0.039385	0.027737	0.039385	0.00788
492106.8	3608297.42	0.05298	0.037308	0.05298	0.01060
492168.06	3608256.14	0.035079	0.024704	0.035079	0.00702
491832.47	3608106.99	0.003469	0.002448	0.003469	0.00069
491853.78	3608116.31	0.004807	0.003391	0.004807	0.00096
491874.42	3608123.64	0.006457	0.004554	0.006457	0.00129
491899.72	3608128.96	0.008677	0.006118	0.008677	0.00174
491836.47	3608093.01	0.00308	0.002173	0.00308	0.00062
491877.09	3608106.33	0.005268	0.003715	0.005268	0.00105
491905.05	3608118.98	0.007889	0.005562	0.007889	0.00158
491907.71	3608101.66	0.006415	0.004523	0.006415	0.00128

491883.74	3608091.01	0.004621	0.003258	0.004621	0.00092
491848.45	3608065.04	0.002555	0.001802	0.002555	0.00051
491853.12	3608053.06	0.002361	0.001665	0.002361	0.00047
491873.09	3608063.05	0.003083	0.002174	0.003083	0.00062
491909.71	3608072.37	0.004572	0.003223	0.004572	0.00091
491921.03	3608059.05	0.004278	0.003016	0.004278	0.00086
491925.69	3608040.41	0.003621	0.002552	0.003621	0.00072
491856.44	3608031.75	0.001984	0.001399	0.001984	0.00040
491867.1	3608010.44	0.001781	0.001256	0.001781	0.00036
491875.09	3607976.49	0.001425	0.001005	0.001425	0.00029
491918.37	3607991.8	0.002163	0.001524	0.002163	0.00043
491945	3608000.46	0.002776	0.001957	0.002776	0.00056
491935.09	3608141.53	0.013113	0.009242	0.013113	0.00262
491960.9	3608152.59	0.017319	0.012204	0.017319	0.00346
491988.54	3608164.57	0.022122	0.015586	0.022122	0.00442
491946.15	3608114.81	0.009725	0.006854	0.009725	0.00195
491988.54	3608129.55	0.014255	0.010044	0.014255	0.00285
492018.04	3608107.44	0.012114	0.008535	0.012114	0.00242
491955.37	3608089	0.007427	0.005235	0.007427	0.00149
491963.66	3608059.51	0.005544	0.003908	0.005544	0.00111
491984.86	3608059.51	0.006201	0.00437	0.006201	0.00124
492031.86	3608066.89	0.008186	0.005768	0.008186	0.00164
492020.8	3608040.16	0.005984	0.004217	0.005984	0.00120
491977.49	3608027.26	0.00429	0.003023	0.00429	0.00086
491983.94	3608007.9	0.003687	0.002598	0.003687	0.00074
492044.76	3608018.04	0.005329	0.003755	0.005329	0.00107
492048.45	3608001.45	0.004648	0.003275	0.004648	0.00093
491999.6	3607989.47	0.003372	0.002376	0.003372	0.00067
492038.31	3608171.95	0.025592	0.018028	0.025592	0.00512
492047.53	3608155.36	0.021594	0.015212	0.021594	0.00432
492086.23	3608187.61	0.028848	0.020319	0.028848	0.00577
492095.45	3608171.03	0.024804	0.017471	0.024804	0.00496
492053.98	3608123.1	0.015572	0.01097	0.015572	0.00311
492109.27	3608145.22	0.019752	0.013913	0.019752	0.00395

492058.59	3608100.06	0.01241	0.008743	0.01241	0.00248
492123.1	3608113.89	0.015151	0.010673	0.015151	0.00303
492135.08	3608094.53	0.012957	0.009128	0.012957	0.00259
492076.1	3608065.04	0.009149	0.006446	0.009149	0.00183
492085.31	3608030.02	0.00679	0.004784	0.00679	0.00136
492139.69	3608065.96	0.010273	0.007237	0.010273	0.00205
492139.69	3608212.5	0.030935	0.021787	0.030935	0.00619
492183.92	3608227.24	0.02941	0.020712	0.02941	0.00588
492143.37	3608192.22	0.026976	0.018999	0.026976	0.00540
492194.98	3608204.2	0.025519	0.017972	0.025519	0.00510
492203.28	3608183.01	0.022408	0.015782	0.022408	0.00448
492151.67	3608153.52	0.020386	0.014359	0.020386	0.00408
492197.75	3608162.73	0.020211	0.014235	0.020211	0.00404
492159.04	3608135.08	0.017716	0.012479	0.017716	0.00354
492164.57	3608118.49	0.015636	0.011013	0.015636	0.00313
492219.86	3608141.53	0.017215	0.012125	0.017215	0.00344
492223.55	3608114.81	0.014595	0.010279	0.014595	0.00292
492231.84	3608098.22	0.013075	0.009209	0.013075	0.00261
492170.1	3608097.3	0.013345	0.0094	0.013345	0.00267
492180.24	3608077.94	0.011569	0.008149	0.011569	0.00231
492183.92	3608055.83	0.009836	0.006929	0.009836	0.00197
492218.94	3608068.73	0.010862	0.007651	0.010862	0.00217
492246.59	3608230.01	0.024418	0.017196	0.024418	0.00488
492239.22	3608207.89	0.022998	0.016196	0.022998	0.00460
492241.98	3608194.07	0.02154	0.01517	0.02154	0.00431
492246.59	3608176.56	0.019683	0.013862	0.019683	0.00394
492257.65	3608163.65	0.01808	0.012733	0.01808	0.00362
492261.34	3608145.22	0.016408	0.011556	0.016408	0.00328
492266.87	3608124.02	0.014583	0.010271	0.014583	0.00292
492272.39	3608108.36	0.013318	0.00938	0.013318	0.00266
492277.92	3608094.53	0.012277	0.008647	0.012277	0.00246
492285.3	3608081.63	0.011358	0.008	0.011358	0.00227
491685.34	3608168.26	0.001585	0.001122	0.001585	0.00032
491689.95	3608145.22	0.001344	0.000951	0.001344	0.00027

491694.56	3608131.4	0.001239	0.000876	0.001239	0.00025
491698.24	3608118.49	0.001148	0.000812	0.001148	0.00023
491701.01	3608105.59	0.001061	0.00075	0.001061	0.00021
491703.77	3608093.61	0.00099	0.0007	0.00099	0.00020
491707.46	3608079.79	0.00092	0.00065	0.00092	0.00018
491713.91	3608070.57	0.0009	0.000636	0.0009	0.00018
491715.75	3608058.59	0.000841	0.000594	0.000841	0.00017
491720.36	3608046.61	0.000801	0.000565	0.000801	0.00016
491732.34	3608014.36	0.000706	0.000498	0.000706	0.00014
491735.11	3608002.37	0.000668	0.000471	0.000668	0.00013
491735.11	3607991.32	0.000626	0.000442	0.000626	0.00013
491744.32	3607980.26	0.000621	0.000438	0.000621	0.00012
491747.09	3607967.35	0.000587	0.000414	0.000587	0.00012
491755.38	3607954.45	0.000573	0.000404	0.000573	0.00011
491759.07	3607939.71	0.00054	0.000381	0.00054	0.00011
491636.5	3608156.28	0.001096	0.000776	0.001096	0.00022
491618.06	3608148.91	0.000961	0.00068	0.000961	0.00019
491598.71	3608143.38	0.000861	0.000609	0.000861	0.00017
491579.36	3608134.16	0.000761	0.000538	0.000761	0.00015
491565.53	3608132.32	0.00072	0.000509	0.00072	0.00014
491548.94	3608123.1	0.000649	0.000459	0.000649	0.00013
491654.01	3608119.42	0.000909	0.000642	0.000909	0.00018
491663.22	3608133.24	0.001049	0.000742	0.001049	0.00021
491657.69	3608106.51	0.000845	0.000597	0.000845	0.00017
491663.22	3608094.53	0.000799	0.000565	0.000799	0.00016
491674.28	3608094.53	0.000842	0.000595	0.000842	0.00017
491681.65	3608086.24	0.000827	0.000585	0.000827	0.00017
491686.26	3608072.42	0.000774	0.000547	0.000774	0.00015
491663.22	3608078.87	0.000722	0.00051	0.000722	0.00014
491671.52	3608072.42	0.000719	0.000508	0.000719	0.00014
491676.12	3608058.59	0.000675	0.000476	0.000675	0.00013
491678.89	3608048.45	0.000643	0.000454	0.000643	0.00013
491690.87	3608053.98	0.000706	0.000499	0.000706	0.00014
491695.48	3608035.55	0.000647	0.000457	0.000647	0.00013

491701.93	3608024.49	0.000628	0.000443	0.000628	0.00013
491624.52	3608121.26	0.000817	0.000578	0.000817	0.00016
491615.3	3608116.65	0.000767	0.000542	0.000767	0.00015
491603.32	3608112.97	0.000721	0.00051	0.000721	0.00014
491590.42	3608107.44	0.00067	0.000474	0.00067	0.00013
491582.12	3608104.67	0.000644	0.000455	0.000644	0.00013
491567.38	3608101.91	0.000609	0.00043	0.000609	0.00012
491553.55	3608094.53	0.000564	0.000398	0.000564	0.00011
491560	3608079.79	0.000529	0.000374	0.000529	0.00011
491571.98	3608083.47	0.000556	0.000393	0.000556	0.00011
491585.81	3608088.08	0.000591	0.000418	0.000591	0.00012
491599.63	3608094.53	0.000637	0.00045	0.000637	0.00013
491614.38	3608097.3	0.000677	0.000479	0.000677	0.00014
491626.36	3608102.83	0.000729	0.000515	0.000729	0.00015
491630.97	3608077.94	0.000634	0.000448	0.000634	0.00013
491613.46	3608071.49	0.000578	0.000409	0.000578	0.00012
491635.57	3608062.28	0.000586	0.000414	0.000586	0.00012
491647.56	3608065.04	0.000622	0.000439	0.000622	0.00012
491568.3	3608046.61	0.000453	0.00032	0.000453	0.00009
491556.32	3608038.32	0.000424	0.000299	0.000424	0.00008
491572.91	3608032.79	0.000425	0.0003	0.000425	0.00009
491594.1	3608048.45	0.000483	0.000341	0.000483	0.00010
491589.49	3608035.55	0.000447	0.000315	0.000447	0.00009
491608.85	3608039.24	0.000477	0.000337	0.000477	0.00010
491612.53	3608025.41	0.000447	0.000315	0.000447	0.00009
491625.44	3608040.16	0.000501	0.000354	0.000501	0.00010
491636.5	3608029.1	0.000487	0.000344	0.000487	0.00010
491654.01	3608027.26	0.000512	0.000362	0.000512	0.00010
491643.87	3608011.59	0.000454	0.000321	0.000454	0.00009
491667.83	3608015.28	0.000506	0.000358	0.000506	0.00010
491689.03	3607995	0.000499	0.000352	0.000499	0.00010
491681.65	3607976.57	0.000439	0.00031	0.000439	0.00009
491704.69	3607986.71	0.000516	0.000364	0.000516	0.00010
491713.91	3607971.96	0.000501	0.000353	0.000501	0.00010

491725.89	3607958.14	0.000497	0.00035	0.000497	0.00010
491711.15	3607949.84	0.000442	0.000312	0.000442	0.00009
491729.58	3607943.39	0.00047	0.000331	0.00047	0.00009
491714.83	3607935.1	0.000419	0.000295	0.000419	0.00008
491724.97	3607923.12	0.000415	0.000293	0.000415	0.00008
491737.87	3607928.65	0.000455	0.000321	0.000455	0.00009
491735.11	3607910.22	0.000411	0.00029	0.000411	0.00008
491558.16	3608010.67	0.000371	0.000262	0.000371	0.00007
491579.36	3607998.69	0.000363	0.000256	0.000363	0.00007
491595.95	3608003.3	0.000384	0.000271	0.000384	0.00008
491613.46	3607995.92	0.000385	0.000272	0.000385	0.00008
491599.63	3607983.94	0.000352	0.000248	0.000352	0.00007
491623.59	3607979.33	0.000364	0.000257	0.000364	0.00007
491640.18	3607983.02	0.000388	0.000274	0.000388	0.00008
491660.46	3607968.28	0.000387	0.000273	0.000387	0.00008
491659.54	3607951.69	0.000357	0.000252	0.000357	0.00007
491677.05	3607950.77	0.00038	0.000268	0.00038	0.00008
491682.58	3607937.86	0.000366	0.000258	0.000366	0.00007
491670.6	3607928.65	0.000335	0.000236	0.000335	0.00007
491694.56	3607921.27	0.000357	0.000252	0.000357	0.00007
491682.58	3607913.9	0.000329	0.000232	0.000329	0.00007
491682.58	3607901.92	0.000312	0.00022	0.000312	0.00006
491705.62	3607902.84	0.000346	0.000244	0.000346	0.00007
491561.62	3607964.09	0.0003	0.000212	0.0003	0.00006
491578.12	3607959.66	0.000302	0.000213	0.000302	0.00006
491573.42	3607943.99	0.000279	0.000197	0.000279	0.00006
491600.84	3607959.66	0.000314	0.000222	0.000314	0.00006
491591.44	3607944.77	0.000289	0.000204	0.000289	0.00006
491603.97	3607934.59	0.000283	0.0002	0.000283	0.00006
491615.72	3607947.91	0.000308	0.000217	0.000308	0.00006
491636.09	3607933.02	0.000304	0.000215	0.000304	0.00006
491625.12	3607917.35	0.000276	0.000195	0.000276	0.00006
491644.71	3607918.92	0.000293	0.000207	0.000293	0.00006
491642.36	3607896.99	0.000266	0.000188	0.000266	0.00005

491658.03	3607905.6	0.00029	0.000204	0.00029	0.00006
491665.08	3607887.59	0.000276	0.000194	0.000276	0.00006
491647.06	3607883.67	0.000255	0.00018	0.000255	0.00005
491564.8	3607922.84	0.000252	0.000178	0.000252	0.00005
491587.52	3607913.44	0.000251	0.000177	0.000251	0.00005
491573.42	3607903.25	0.000235	0.000166	0.000235	0.00005
491607.11	3607896.2	0.000242	0.000171	0.000242	0.00005
491603.97	3607878.97	0.000225	0.000158	0.000225	0.00004
491621.99	3607877.4	0.000232	0.000164	0.000232	0.00005
491892.25	3607962.79	0.001435	0.001011	0.001435	0.00029
491943.96	3607975.32	0.002202	0.001552	0.002202	0.00044
491586.79	3608712.31	0.006971	0.004909	0.006971	0.00139
491579.14	3608732.72	0.006044	0.004257	0.006044	0.00121
491579.14	3608751.86	0.005415	0.003814	0.005415	0.00108
491563.83	3608778.64	0.004531	0.003191	0.004531	0.00091
491558.73	3608797.78	0.004066	0.002864	0.004066	0.00081
491545.97	3608824.57	0.003492	0.002459	0.003492	0.00070
491543.42	3608838.6	0.003257	0.002294	0.003257	0.00065
491534.49	3608869.21	0.002804	0.001975	0.002804	0.00056
491635.26	3608725.07	0.007092	0.004994	0.007092	0.00142
491665.88	3608731.45	0.00693	0.00488	0.00693	0.00139
491654.4	3608756.96	0.005724	0.004031	0.005724	0.00114
491627.61	3608748.03	0.005988	0.004217	0.005988	0.00120
491621.23	3608764.61	0.005337	0.003759	0.005337	0.00107
491651.85	3608772.27	0.005151	0.003628	0.005151	0.00103
491635.26	3608823.29	0.003745	0.002637	0.003745	0.00075
491608.48	3608810.54	0.004008	0.002823	0.004008	0.00080
491603.37	3608829.67	0.003595	0.002532	0.003595	0.00072
491627.61	3608838.6	0.003434	0.002419	0.003434	0.00069
491622.51	3608866.66	0.002955	0.002081	0.002955	0.00059
491590.62	3608859.01	0.003068	0.002161	0.003068	0.00061
491586.79	3608875.59	0.002822	0.001988	0.002822	0.00056
491617.41	3608884.52	0.0027	0.001901	0.0027	0.00054
491707.97	3608753.13	0.005929	0.004176	0.005929	0.00119

491702.87	3608768.44	0.005302	0.003734	0.005302	0.00106
491696.49	3608791.4	0.004533	0.003192	0.004533	0.00091
491688.84	3608805.43	0.004143	0.002918	0.004143	0.00083
491683.74	3608834.77	0.003473	0.002446	0.003473	0.00069
491674.81	3608851.36	0.003166	0.00223	0.003166	0.00063
491669.71	3608874.32	0.002801	0.001973	0.002801	0.00056
491667.15	3608903.66	0.002416	0.001702	0.002416	0.00048
491741.14	3608758.23	0.005784	0.004074	0.005784	0.00116
491733.49	3608772.27	0.005207	0.003667	0.005207	0.00104
491727.11	3608797.78	0.004373	0.00308	0.004373	0.00087
491720.73	3608809.26	0.004056	0.002857	0.004056	0.00081
491711.8	3608833.5	0.003497	0.002463	0.003497	0.00070
491706.7	3608855.18	0.003091	0.002177	0.003091	0.00062
491701.6	3608871.77	0.002826	0.00199	0.002826	0.00057
491699.05	3608899.83	0.002449	0.001725	0.002449	0.00049
491778.13	3608770.99	0.005457	0.003843	0.005457	0.00109
491773.03	3608791.4	0.004725	0.003327	0.004725	0.00094
491762.83	3608811.81	0.004105	0.002891	0.004105	0.00082
491760.28	3608828.39	0.003704	0.002609	0.003704	0.00074
491755.17	3608851.36	0.003233	0.002277	0.003233	0.00065
491747.52	3608869.21	0.002916	0.002054	0.002916	0.00058
491738.59	3608884.52	0.002677	0.001885	0.002677	0.00054
491738.59	3608902.38	0.002449	0.001725	0.002449	0.00049
491804.92	3608781.2	0.005237	0.003688	0.005237	0.00105
491802.37	3608806.71	0.004424	0.003116	0.004424	0.00088
491789.61	3608822.02	0.003969	0.002795	0.003969	0.00079
491788.34	3608839.87	0.003569	0.002513	0.003569	0.00071
491774.31	3608853.91	0.003247	0.002287	0.003247	0.00065
491778.13	3608875.59	0.002901	0.002043	0.002901	0.00058
491773.03	3608892.17	0.00265	0.001867	0.00265	0.00053
491770.48	3608916.41	0.002348	0.001654	0.002348	0.00047
491848.29	3608793.95	0.004967	0.003498	0.004967	0.00099
491845.74	3608815.64	0.004341	0.003057	0.004341	0.00087
491835.54	3608834.77	0.003855	0.002715	0.003855	0.00077

491829.16	3608859.01	0.003348	0.002358	0.003348	0.00067
491824.06	3608874.32	0.003071	0.002163	0.003071	0.00061
491824.06	3608890.9	0.002819	0.001985	0.002819	0.00056
491820.23	3608904.93	0.002619	0.001844	0.002619	0.00052
491818.95	3608924.07	0.002385	0.00168	0.002385	0.00048
491817.68	3608940.65	0.002205	0.001553	0.002205	0.00044
491873.81	3608822.02	0.004216	0.002969	0.004216	0.00084
491864.88	3608842.43	0.003751	0.002642	0.003751	0.00075
491859.77	3608864.11	0.003329	0.002344	0.003329	0.00067
491855.95	3608878.14	0.003087	0.002174	0.003087	0.00062
491849.57	3608899.83	0.002755	0.00194	0.002755	0.00055
491857.22	3608915.14	0.002572	0.001811	0.002572	0.00051
491869.98	3608930.44	0.002415	0.001701	0.002415	0.00048
491890.39	3608932.99	0.002412	0.001698	0.002412	0.00048
491915.9	3608818.19	0.004246	0.00299	0.004246	0.00085
491914.63	3608838.6	0.00381	0.002683	0.00381	0.00076
491904.42	3608855.18	0.00351	0.002472	0.00351	0.00070
491903.14	3608874.32	0.003188	0.002245	0.003188	0.00064
491895.49	3608897.28	0.00285	0.002007	0.00285	0.00057
491915.9	3608899.83	0.002816	0.001983	0.002816	0.00056
491936.31	3608902.38	0.002767	0.001948	0.002767	0.00055
491952.89	3608910.03	0.002651	0.001867	0.002651	0.00053
491966.93	3608922.79	0.002488	0.001752	0.002488	0.00050
491923.55	3608947.03	0.002282	0.001607	0.002282	0.00046
491945.24	3608961.06	0.002147	0.001512	0.002147	0.00043
491737.31	3608925.34	0.002194	0.001545	0.002194	0.00044
CONCUNIT ug/ m^3		0	0	0	0.00000
DEPUNIT g/m^	2	0	0	0	0.00000

Moss Street

Tier III mitigation

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2019**	
	8 hours/day	
	5 days/week	
	18 weeks/year	start from 9/1/2019
	720 hours/year	

Onsite Construction Area Source Size (m2): 27603.9 from AERMOD

Onsite Construction PM10 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)**
	Demolistion	1.290E-02	4.519E-03	1.637E-07
	Grading	1.130E-02	3.958E-03	1.434E-07
	Building Construction	1.220E-02	4.274E-03	1.548E-07
	Total	**3.640E-02**	**1.275E-02**	**4.619E-07**

Offsite Construction Vehicle PM10 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)**	
	Demolistion	1.100E-04	0.000E+00	1.000E-05	
	Grading	1.790E-03	0.000E+00	1.000E-05	
	Building Construction	0.000E+00	4.700E-04	1.300E-04	
	Total (tons/year)	**1.900E-03**	**4.700E-04**	**1.500E-04**	**2.520E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Along Roadway Segment Project>I5 (mi)	0.21	0.21	0.21	
	Offsite Project Emissions Along Roadway Segment Project>I-5 (tons/year)	**1.012E-05**	**6.859E-06**	**1.480E-06**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	1.846E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**6.467E-06**

Onsite Exhaust Emissions (tons/year)	3.640E-02
Total Onsite Emissions (tons/year)	3.640E-02
Onsite Exhaust Emissions (g/m2-sec)	**4.619E-07**

Total PM@10 Exhaust (tons/year)	3.642E-02

Moss Street

Tier III mitigation

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2020**
	8 hours/day
	5 days/week
	48 weeks/year
	1920 hours/year

Onsite Construction Area Source Size (m2): 27603.90

Onsite Construction PM10 Emissions

		Onsite	Onsite	Onsite DPM
2020	**Construction Activity**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (g/sec)**	**Source Exhaust Emissions (g/m2-sec)**
	Building Construction	9.170E-02	1.205E-02	4.364E-07
	Paving	6.090E-03	8.000E-04	2.898E-08
	Architectural Coating	1.430E-03	1.879E-04	6.805E-09
	Total	**9.922E-02**	**1.303E-02**	**4.722E-07**

Offsite Construction Vehicle PM10 Emissions

		Offsite Hauling	Offsite Vendor	Offsite Workers	
2020		**Annual DPM**	**Annual DPM**	**Annual DPM**	
	Construction Activity	**Exhaust Emissions (tons/year)**	**Exhaust Emissions (tons/year)**	**Exhaust Emissions (tons/year)**	
	Building Construction	0.000E+00	2.260E-03	9.700E-04	
	Paving	0.000E+00	0.000E+00	1.000E-05	
	Architectural Coating	0.000E+00	0.000E+00	3.000E-05	
	Total (tons/year)	**0.000E+00**	**2.260E-03**	**1.010E-03**	**3.270E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Project>I5 (mi)	0.21	0.21	0.21	
	Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**6.597E-05**	**1.993E-05**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**8.589E-05**
Offsite Project Exhaust Emissions (grams/sec)	**1.128E-05**

Onsite Exhaust Emissions (tons/year)	**9.922E-02**
Total Onsite Emissions (tons/year)	**9.922E-02**
Onsite Exhaust Emissions (g/m2-sec)	**4.722E-07**

Total PM@10 Exhaust (tons/year)	9.931E-02
Total PM10 (tons/year)	**9.931E-02**

*	AERMOD (1808	1): C:\Users\x	li\Desktop\34	26.0024 Mos	s Street\	constru	ction HR	
*	AERMET (1413	4):						
*	MODELING OPTI	ONS USED: Re	gDFAULT CONC	ELEV URB	AN			
*	PLOT	FILE OF ANNUAL	VALUES AVERA	GED ACROSS	5 YEARS	FOR SO	URCE GRO	
*	FOR A	TOTAL OF 38	9 RECEPTORS.					
*	FORMA	T: (3(1X,F13.5	),3(1X,F8.2),	2X,A6,2X,A8	,2X,I8.8,	2X,A8)		
*	X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	
*	_____	_____	_____	_____	_____	_____	_____	
	491856.94	3608423.76	631633.5918	9.85	9.85	0	ANNUAL	
	491770.82	3608296.56	83768.45212	8.75	8.75	0	ANNUAL	
	491786.69	3608300.4	169029.1196	8.95	8.95	0	ANNUAL	
	491777.07	3608270.58	37629.84601	8.83	8.83	0	ANNUAL	
	491794.39	3608275.87	71537.09153	9.05	9.05	0	ANNUAL	
	491789.88	3608254.44	30952.91267	8.99	8.99	0	ANNUAL	
	491793.88	3608239.79	22440.86907	9.04	9.04	0	ANNUAL	
	491796.54	3608225.81	16889.37505	9.08	9.08	0	ANNUAL	
	491799.2	3608213.16	13520.08898	9.11	9.11	0	ANNUAL	
	491804.53	3608198.51	11109.97723	9.18	9.18	0	ANNUAL	
	491835.16	3608317.03	396533.5888	9.57	9.57	0	ANNUAL	
	491837.82	3608303.71	271820.1418	9.6	9.6	0	ANNUAL	
	491843.81	3608287.73	172647.9047	9.68	9.68	0	ANNUAL	
	491851.14	3608274.41	123009.1203	9.78	9.78	0	ANNUAL	
	491863.07	3608247.22	66875.79104	9.93	9.93	0	ANNUAL	
	491867.68	3608231.55	48552.36905	9.99	9.99	0	ANNUAL	
	491875.05	3608218.65	39141.4192	10.08	10.08	0	ANNUAL	
	491878.74	3608195.61	25762.88386	10.13	10.13	0	ANNUAL	
	491885.19	3608177.18	19590.4194	10.21	10.21	0	ANNUAL	
	491807.78	3608183.63	8991.73281	9.22	9.22	0	ANNUAL	
	491812.39	3608167.97	7461.70142	9.28	9.28	0	ANNUAL	
	491819.76	3608146.77	6015.00085	9.36	9.36	0	ANNUAL	
	491840.03	3608155.06	8586.85941	9.63	9.63	0	ANNUAL	
	491868.6	3608170.73	15061.64567	10	10	0	ANNUAL	
	491865.26	3608414.36	589528.9513	9.95	9.95	0	ANNUAL	
	491867.52	3608403.04	603276.5021	9.98	9.98	0	ANNUAL	
	491872.05	3608392.29	591456.4074	10.04	10.04	0	ANNUAL	
	491874.88	3608377.58	597304.6585	10.08	10.08	0	ANNUAL	
	491886.76	3608431.91	388718.8886	10.23	10.23	0	ANNUAL	
	491890.73	3608422.29	390103.9893	10.28	10.28	0	ANNUAL	
	491896.39	3608409.84	385911.6877	10.35	10.35	0	ANNUAL	
	491900.35	3608397.38	386378.606	10.4	10.4	0	ANNUAL	
	491903.74	3608384.93	384883.2425	10.45	10.45	0	ANNUAL	
	491912.8	3608444.92	257671.8221	10.56	10.56	0	ANNUAL	
	491917.89	3608432.47	263360.5712	10.63	10.63	0	ANNUAL	
	491921.29	3608418.89	272794.7326	10.67	10.67	0	ANNUAL	
	491926.95	3608408.14	268804.5308	10.74	10.74	0	ANNUAL	
	491930.91	3608396.25	268530.5384	10.79	10.79	0	ANNUAL	
	491950.72	3608425.12	194646.6309	11.05	11.05	0	ANNUAL	

491954.11	3608416.06	196618.6307	11.09	11.09	0	ANNUAL
491959.21	3608404.74	195737.5449	11.16	11.16	0	ANNUAL
491984.11	3608467.56	110109.8527	11.47	11.47	0	ANNUAL
491987.5	3608453.98	118307.1477	11.52	11.52	0	ANNUAL
491993.16	3608442.66	121481.4834	11.59	11.59	0	ANNUAL
491998.26	3608432.47	123421.6186	11.66	11.66	0	ANNUAL
492002.22	3608421.15	126246.5201	11.71	11.71	0	ANNUAL
492012.41	3608475.49	83621.49564	11.84	11.84	0	ANNUAL
492015.24	3608463.6	89538.12932	11.87	11.87	0	ANNUAL
492020.9	3608451.15	93343.85437	11.94	11.94	0	ANNUAL
492024.29	3608441.53	96373.73261	11.99	11.99	0	ANNUAL
492028.25	3608428.51	100102.7559	12.04	12.04	0	ANNUAL
492037.31	3608486.24	64997.07485	12.15	12.15	0	ANNUAL
492042.4	3608472.09	70003.93619	12.22	12.22	0	ANNUAL
492046.36	3608461.34	73396.40947	12.27	12.27	0	ANNUAL
492050.89	3608450.58	76111.04301	12.33	12.33	0	ANNUAL
492055.42	3608440.4	78120.56521	12.39	12.39	0	ANNUAL
492065.61	3608493.6	51730.61634	12.52	12.52	0	ANNUAL
492069	3608481.15	55673.63012	12.56	12.56	0	ANNUAL
492075.23	3608469.26	58198.33458	12.64	12.64	0	ANNUAL
492078.06	3608457.38	61580.37877	12.68	12.68	0	ANNUAL
492082.59	3608446.62	63614.62687	12.73	12.73	0	ANNUAL
491873.18	3608334.56	510026.4393	10.06	10.06	0	ANNUAL
491929.78	3608349.84	275582.9614	10.78	10.78	0	ANNUAL
491879.97	3608317.02	336657.7205	10.14	10.14	0	ANNUAL
491893.22	3608305.33	244539.0944	10.31	10.31	0	ANNUAL
491889.89	3608289.35	180966.3293	10.27	10.27	0	ANNUAL
491907.21	3608277.37	138377.9598	10.49	10.49	0	ANNUAL
491909.87	3608246.74	79154.74331	10.53	10.53	0	ANNUAL
491914.53	3608232.76	62103.64315	10.59	10.59	0	ANNUAL
491920.52	3608219.44	50060.99609	10.66	10.66	0	ANNUAL
491923.85	3608203.46	38703.0525	10.71	10.71	0	ANNUAL
491922.52	3608187.48	29639.67512	10.69	10.69	0	ANNUAL
491933.84	3608176.16	26152.75972	10.83	10.83	0	ANNUAL
491936.5	3608332.63	234523.5732	10.87	10.87	0	ANNUAL
491945.82	3608306.66	173169.8634	10.99	10.99	0	ANNUAL
491948.49	3608292.02	145064.0697	11.02	11.02	0	ANNUAL
491954.48	3608266.71	103224.5835	11.1	11.1	0	ANNUAL
491965.8	3608249.4	80108.96105	11.24	11.24	0	ANNUAL
491959.81	3608230.76	62686.59318	11.17	11.17	0	ANNUAL
491973.12	3608219.44	53627.38352	11.34	11.34	0	ANNUAL
491965.13	3608198.8	40196.10183	11.23	11.23	0	ANNUAL
491987.11	3608190.14	36888.98902	11.52	11.52	0	ANNUAL
491975.79	3608366.59	178873.4984	11.37	11.37	0	ANNUAL
491980.45	3608353.27	169371.4764	11.43	11.43	0	ANNUAL
491988.44	3608337.29	152041.2074	11.53	11.53	0	ANNUAL
491991.77	3608319.32	136973.1522	11.57	11.57	0	ANNUAL

492001.09	3608294.68	110325.6905	11.69	11.69	0	ANNUAL
492006.41	3608282.03	97363.99563	11.76	11.76	0	ANNUAL
492013.07	3608266.05	82663.1572	11.85	11.85	0	ANNUAL
492013.07	3608251.4	72289.32148	11.85	11.85	0	ANNUAL
492028.39	3608241.41	62887.85268	12.04	12.04	0	ANNUAL
492019.07	3608222.77	53476.99655	11.92	11.92	0	ANNUAL
492045.7	3608210.78	45452.49661	12.26	12.26	0	ANNUAL
492031.05	3608385.23	112727.5006	12.08	12.08	0	ANNUAL
492035.71	3608369.92	110781.352	12.14	12.14	0	ANNUAL
492027.06	3608353.27	117475.215	12.02	12.02	0	ANNUAL
492046.36	3608339.96	100944.5021	12.27	12.27	0	ANNUAL
492040.37	3608324.64	101087.0358	12.2	12.2	0	ANNUAL
492057.02	3608313.32	87983.27103	12.41	12.41	0	ANNUAL
492055.69	3608297.34	82983.20924	12.39	12.39	0	ANNUAL
492059.02	3608282.03	75410.62761	12.43	12.43	0	ANNUAL
492069.67	3608270.04	67070.83152	12.57	12.57	0	ANNUAL
492061.68	3608253.4	62148.13063	12.47	12.47	0	ANNUAL
492078.32	3608241.41	53934.29894	12.68	12.68	0	ANNUAL
492079.66	3608226.76	48297.83936	12.7	12.7	0	ANNUAL
492069.51	3608395.3	84466.80709	12.57	12.57	0	ANNUAL
492076.17	3608375.99	83704.79149	12.65	12.65	0	ANNUAL
492085.49	3608364.01	79670.90896	12.77	12.77	0	ANNUAL
492102.14	3608406.62	66659.39687	12.98	12.98	0	ANNUAL
492129.44	3608410.61	56135.98193	13.33	13.33	0	ANNUAL
492095.48	3608352.69	75074.61459	12.9	12.9	0	ANNUAL
492094.15	3608336.04	74769.00478	12.88	12.88	0	ANNUAL
492135.43	3608348.69	59822.0277	13.41	13.41	0	ANNUAL
492101.47	3608312.74	68685.98252	12.98	12.98	0	ANNUAL
492120.78	3608244.15	47515.56367	13.22	13.22	0	ANNUAL
492106.8	3608297.42	63920.32042	13.04	13.04	0	ANNUAL
492168.06	3608256.14	42321.71042	13.83	13.83	0	ANNUAL
491832.47	3608106.99	4180.27461	9.09	9.09	0	ANNUAL
491853.78	3608116.31	5792.22388	9.46	9.46	0	ANNUAL
491874.42	3608123.64	7782.89246	9.83	9.83	0	ANNUAL
491899.72	3608128.96	10460.46231	10.27	10.27	0	ANNUAL
491836.47	3608093.01	3710.77936	8.99	8.99	0	ANNUAL
491877.09	3608106.33	6350.14878	9.7	9.7	0	ANNUAL
491905.05	3608118.98	9510.661	10.3	10.3	0	ANNUAL
491907.71	3608101.66	7734.16153	10.25	10.25	0	ANNUAL
491883.74	3608091.01	5569.59303	9.69	9.69	0	ANNUAL
491848.45	3608065.04	3079.74148	8.84	8.84	0	ANNUAL
491853.12	3608053.06	2845.00857	8.8	8.8	0	ANNUAL
491873.09	3608063.05	3716.66742	9.19	9.19	0	ANNUAL
491909.71	3608072.37	5512.02895	10.14	10.14	0	ANNUAL
491921.03	3608059.05	5157.77157	10.35	10.35	0	ANNUAL
491925.69	3608040.41	4365.67123	10.34	10.34	0	ANNUAL
491856.44	3608031.75	2391.11038	8.85	8.85	0	ANNUAL

491867.1	3608010.44	2147.01462	8.98	8.98	0	ANNUAL
491875.09	3607976.49	1718.34971	9.1	9.1	0	ANNUAL
491918.37	3607991.8	2607.50294	9.83	9.83	0	ANNUAL
491945	3608000.46	3347.42556	10.37	10.37	0	ANNUAL
491935.09	3608141.53	15811.72963	10.84	10.84	0	ANNUAL
491960.9	3608152.59	20885.93528	11.18	11.18	0	ANNUAL
491988.54	3608164.57	26680.53337	11.53	11.53	0	ANNUAL
491946.15	3608114.81	11726.3336	10.99	10.99	0	ANNUAL
491988.54	3608129.55	17191.33706	11.53	11.53	0	ANNUAL
492018.04	3608107.44	14609.94337	11.91	11.91	0	ANNUAL
491955.37	3608089	8955.75981	11.11	11.11	0	ANNUAL
491963.66	3608059.51	6685.43509	11.22	11.22	0	ANNUAL
491984.86	3608059.51	7477.34499	11.49	11.49	0	ANNUAL
492031.86	3608066.89	9871.96109	12.09	12.09	0	ANNUAL
492020.8	3608040.16	7216.79234	11.78	11.78	0	ANNUAL
491977.49	3608027.26	5172.79373	11.08	11.08	0	ANNUAL
491983.94	3608007.9	4445.64427	10.96	10.96	0	ANNUAL
492044.76	3608018.04	6426.81543	11.84	11.84	0	ANNUAL
492048.45	3608001.45	5605.04851	11.71	11.71	0	ANNUAL
491999.6	3607989.47	4066.56556	10.96	10.96	0	ANNUAL
492038.31	3608171.95	30870.0028	12.17	12.17	0	ANNUAL
492047.53	3608155.36	26046.82328	12.29	12.29	0	ANNUAL
492086.23	3608187.61	34800.01113	12.78	12.78	0	ANNUAL
492095.45	3608171.03	29921.10786	12.9	12.9	0	ANNUAL
492053.98	3608123.1	18782.21306	12.37	12.37	0	ANNUAL
492109.27	3608145.22	23826.16581	13.08	13.08	0	ANNUAL
492058.59	3608100.06	14968.14869	12.43	12.43	0	ANNUAL
492123.1	3608113.89	18276.37331	13.26	13.26	0	ANNUAL
492135.08	3608094.53	15629.64783	13.41	13.41	0	ANNUAL
492076.1	3608065.04	11034.36032	12.65	12.65	0	ANNUAL
492085.31	3608030.02	8189.43118	12.49	12.49	0	ANNUAL
492139.69	3608065.96	12391.12724	13.47	13.47	0	ANNUAL
492139.69	3608212.5	37320.35401	13.47	13.47	0	ANNUAL
492183.92	3608227.24	35481.27135	14.03	14.03	0	ANNUAL
492143.37	3608192.22	32542.94347	13.51	13.51	0	ANNUAL
492194.98	3608204.2	30785.83068	14.17	14.17	0	ANNUAL
492203.28	3608183.01	27032.74153	14.28	14.28	0	ANNUAL
492151.67	3608153.52	24592.58173	13.62	13.62	0	ANNUAL
492197.75	3608162.73	24382.24963	14.21	14.21	0	ANNUAL
492159.04	3608135.08	21371.48879	13.71	13.71	0	ANNUAL
492164.57	3608118.49	18861.03342	13.79	13.79	0	ANNUAL
492219.86	3608141.53	20767.73595	14.49	14.49	0	ANNUAL
492223.55	3608114.81	17605.82478	14.54	14.54	0	ANNUAL
492231.84	3608098.22	15772.55758	14.65	14.65	0	ANNUAL
492170.1	3608097.3	16098.24566	13.86	13.86	0	ANNUAL
492180.24	3608077.94	13955.35376	13.99	13.99	0	ANNUAL
492183.92	3608055.83	11864.67278	14.03	14.03	0	ANNUAL

492218.94	3608068.73	13103.09219	14.48	14.48	0	ANNUAL
492246.59	3608230.01	29459.61125	14.83	14.83	0	ANNUAL
492239.22	3608207.89	27744.96499	14.74	14.74	0	ANNUAL
492241.98	3608194.07	25986.19077	14.77	14.77	0	ANNUAL
492246.59	3608176.56	23745.69812	14.83	14.83	0	ANNUAL
492257.65	3608163.65	21811.33647	14.98	14.98	0	ANNUAL
492261.34	3608145.22	19794.15036	15.02	15.02	0	ANNUAL
492266.87	3608124.02	17592.10804	15.09	15.09	0	ANNUAL
492272.39	3608108.36	16065.59041	15.16	15.16	0	ANNUAL
492277.92	3608094.53	14809.70621	15.24	15.24	0	ANNUAL
492285.3	3608081.63	13701.00363	15.33	15.33	0	ANNUAL
491685.34	3608168.26	1905.1755	7.66	7.66	0	ANNUAL
491689.95	3608145.22	1616.14261	7.68	7.68	0	ANNUAL
491694.56	3608131.4	1490.70102	7.59	7.59	0	ANNUAL
491698.24	3608118.49	1381.51988	7.49	7.49	0	ANNUAL
491701.01	3608105.59	1277.01571	7.39	7.39	0	ANNUAL
491703.77	3608093.61	1191.86472	7.3	7.3	0	ANNUAL
491707.46	3608079.79	1107.7138	7.19	7.19	0	ANNUAL
491713.91	3608070.57	1083.94065	7.18	7.18	0	ANNUAL
491715.75	3608058.59	1012.41747	7.07	7.07	0	ANNUAL
491720.36	3608046.61	964.20218	7.11	7.11	0	ANNUAL
491732.34	3608014.36	849.87505	7.26	7.26	0	ANNUAL
491735.11	3608002.37	804.64468	7.29	7.29	0	ANNUAL
491735.11	3607991.32	754.55705	7.29	7.29	0	ANNUAL
491744.32	3607980.26	748.06203	7.41	7.41	0	ANNUAL
491747.09	3607967.35	707.05832	7.45	7.45	0	ANNUAL
491755.38	3607954.45	690.7191	7.55	7.55	0	ANNUAL
491759.07	3607939.71	651.23376	7.6	7.6	0	ANNUAL
491636.5	3608156.28	1317.55011	7.03	7.03	0	ANNUAL
491618.06	3608148.91	1155.56399	6.8	6.8	0	ANNUAL
491598.71	3608143.38	1035.22776	6.49	6.49	0	ANNUAL
491579.36	3608134.16	915.03025	6.14	6.14	0	ANNUAL
491565.53	3608132.32	865.75646	5.95	5.95	0	ANNUAL
491548.94	3608123.1	781.22765	5.63	5.63	0	ANNUAL
491654.01	3608119.42	1093.05063	6.94	6.94	0	ANNUAL
491663.22	3608133.24	1261.55124	7.21	7.21	0	ANNUAL
491657.69	3608106.51	1016.55434	6.85	6.85	0	ANNUAL
491663.22	3608094.53	961.6658	6.79	6.79	0	ANNUAL
491674.28	3608094.53	1013.91396	6.93	6.93	0	ANNUAL
491681.65	3608086.24	996.05117	6.93	6.93	0	ANNUAL
491686.26	3608072.42	932.10878	6.84	6.84	0	ANNUAL
491663.22	3608078.87	868.71747	6.62	6.62	0	ANNUAL
491671.52	3608072.42	865.98489	6.65	6.65	0	ANNUAL
491676.12	3608058.59	812.08348	6.56	6.56	0	ANNUAL
491678.89	3608048.45	773.86256	6.57	6.57	0	ANNUAL
491690.87	3608053.98	850.17689	6.73	6.73	0	ANNUAL
491695.48	3608035.55	779.20615	6.79	6.79	0	ANNUAL

491701.93	3608024.49	755.88226	6.87	6.87	0	ANNUAL
491624.52	3608121.26	982.59795	6.58	6.58	0	ANNUAL
491615.3	3608116.65	923.03046	6.41	6.41	0	ANNUAL
491603.32	3608112.97	867.25904	6.22	6.22	0	ANNUAL
491590.42	3608107.44	806.51646	5.99	5.99	0	ANNUAL
491582.12	3608104.67	774.91834	5.86	5.86	0	ANNUAL
491567.38	3608101.91	732.68088	5.64	5.64	0	ANNUAL
491553.55	3608094.53	678.74608	5.38	5.38	0	ANNUAL
491560	3608079.79	637.30235	5.31	5.31	0	ANNUAL
491571.98	3608083.47	669.156	5.5	5.5	0	ANNUAL
491585.81	3608088.08	711.15424	5.73	5.73	0	ANNUAL
491599.63	3608094.53	766.78998	5.97	5.97	0	ANNUAL
491614.38	3608097.3	814.843	6.19	6.19	0	ANNUAL
491626.36	3608102.83	877.45895	6.41	6.41	0	ANNUAL
491630.97	3608077.94	763.464	6.19	6.19	0	ANNUAL
491613.46	3608071.49	696.20751	5.9	5.9	0	ANNUAL
491635.57	3608062.28	706.00578	6.08	6.08	0	ANNUAL
491647.56	3608065.04	748.59786	6.27	6.27	0	ANNUAL
491568.3	3608046.61	544.90445	5.16	5.16	0	ANNUAL
491556.32	3608038.32	510.16707	5.01	5.01	0	ANNUAL
491572.91	3608032.79	512.18472	5.22	5.22	0	ANNUAL
491594.1	3608048.45	581.94028	5.49	5.49	0	ANNUAL
491589.49	3608035.55	537.61888	5.43	5.43	0	ANNUAL
491608.85	3608039.24	573.67335	5.68	5.68	0	ANNUAL
491612.53	3608025.41	537.6352	5.73	5.73	0	ANNUAL
491625.44	3608040.16	603.03153	5.89	5.89	0	ANNUAL
491636.5	3608029.1	586.7769	6.03	6.03	0	ANNUAL
491654.01	3608027.26	616.81819	6.26	6.26	0	ANNUAL
491643.87	3608011.59	547.07422	6.13	6.13	0	ANNUAL
491667.83	3608015.28	609.90493	6.43	6.43	0	ANNUAL
491689.03	3607995	601.27188	6.7	6.7	0	ANNUAL
491681.65	3607976.57	528.80566	6.61	6.61	0	ANNUAL
491704.69	3607986.71	621.67149	6.91	6.91	0	ANNUAL
491713.91	3607971.96	603.37593	7.02	7.02	0	ANNUAL
491725.89	3607958.14	598.23444	7.18	7.18	0	ANNUAL
491711.15	3607949.84	531.94139	6.99	6.99	0	ANNUAL
491729.58	3607943.39	565.80717	7.22	7.22	0	ANNUAL
491714.83	3607935.1	504.2339	7.04	7.04	0	ANNUAL
491724.97	3607923.12	500.55027	7.17	7.17	0	ANNUAL
491737.87	3607928.65	548.86938	7.33	7.33	0	ANNUAL
491735.11	3607910.22	495.12574	7.3	7.3	0	ANNUAL
491558.16	3608010.67	446.76664	5.03	5.03	0	ANNUAL
491579.36	3607998.69	437.37975	5.3	5.3	0	ANNUAL
491595.95	3608003.3	462.03995	5.51	5.51	0	ANNUAL
491613.46	3607995.92	463.12885	5.74	5.74	0	ANNUAL
491599.63	3607983.94	423.43448	5.56	5.56	0	ANNUAL
491623.59	3607979.33	437.88119	5.87	5.87	0	ANNUAL

491640.18	3607983.02	467.47351	6.08	6.08	0	ANNUAL
491660.46	3607968.28	466.12239	6.34	6.34	0	ANNUAL
491659.54	3607951.69	429.57667	6.24	6.24	0	ANNUAL
491677.05	3607950.77	457.63343	6.49	6.49	0	ANNUAL
491682.58	3607937.86	441.04738	6.52	6.52	0	ANNUAL
491670.6	3607928.65	403.26628	6.27	6.27	0	ANNUAL
491694.56	3607921.27	430.62047	6.67	6.67	0	ANNUAL
491682.58	3607913.9	396.2858	6.42	6.42	0	ANNUAL
491682.58	3607901.92	376.39613	6.37	6.37	0	ANNUAL
491705.62	3607902.84	416.61693	6.86	6.86	0	ANNUAL
491561.62	3607964.09	361.52381	5.08	5.08	0	ANNUAL
491578.12	3607959.66	363.39121	5.24	5.24	0	ANNUAL
491573.42	3607943.99	336.42249	5.01	5.01	0	ANNUAL
491600.84	3607959.66	378.65901	5.53	5.53	0	ANNUAL
491591.44	3607944.77	347.74317	5.25	5.25	0	ANNUAL
491603.97	3607934.59	340.58815	5.3	5.3	0	ANNUAL
491615.72	3607947.91	370.81638	5.59	5.59	0	ANNUAL
491636.09	3607933.02	366.04732	5.7	5.7	0	ANNUAL
491625.12	3607917.35	332.03167	5.38	5.38	0	ANNUAL
491644.71	3607918.92	353.35695	5.72	5.72	0	ANNUAL
491642.36	3607896.99	320.10969	5.46	5.46	0	ANNUAL
491658.03	3607905.6	348.86545	5.87	5.87	0	ANNUAL
491665.08	3607887.59	331.99941	5.9	5.9	0	ANNUAL
491647.06	3607883.67	307.77096	5.45	5.45	0	ANNUAL
491564.8	3607922.84	303.4827	4.67	4.67	0	ANNUAL
491587.52	3607913.44	301.75849	4.86	4.86	0	ANNUAL
491573.42	3607903.25	283.1073	4.57	4.57	0	ANNUAL
491607.11	3607896.2	291.63159	4.92	4.92	0	ANNUAL
491603.97	3607878.97	270.49998	4.7	4.7	0	ANNUAL
491621.99	3607877.4	279.96461	4.91	4.91	0	ANNUAL
491892.25	3607962.79	1729.53705	9.3	9.3	0	ANNUAL
491943.96	3607975.32	2655.68093	10.09	10.09	0	ANNUAL
491586.79	3608712.31	8409.91149	6.74	6.74	0	ANNUAL
491579.14	3608732.72	7291.76171	6.49	6.49	0	ANNUAL
491579.14	3608751.86	6533.0195	6.43	6.43	0	ANNUAL
491563.83	3608778.64	5465.98803	6.11	6.11	0	ANNUAL
491558.73	3608797.78	4905.57279	6.03	6.03	0	ANNUAL
491545.97	3608824.57	4212.34249	5.87	5.87	0	ANNUAL
491543.42	3608838.6	3929.01444	5.83	5.83	0	ANNUAL
491534.49	3608869.21	3382.56676	5.72	5.72	0	ANNUAL
491635.26	3608725.07	8556.303	7.77	7.77	0	ANNUAL
491665.88	3608731.45	8360.83188	8.22	8.22	0	ANNUAL
491654.4	3608756.96	6906.22993	7.82	7.82	0	ANNUAL
491627.61	3608748.03	7224.74672	7.38	7.38	0	ANNUAL
491621.23	3608764.61	6439.38955	7.11	7.11	0	ANNUAL
491651.85	3608772.27	6214.64483	7.64	7.64	0	ANNUAL
491635.26	3608823.29	4517.60807	7.02	7.02	0	ANNUAL

491608.48	3608810.54	4835.62481	6.67	6.67	0	ANNUAL
491603.37	3608829.67	4336.69451	6.6	6.6	0	ANNUAL
491627.61	3608838.6	4143.13594	6.91	6.91	0	ANNUAL
491622.51	3608866.66	3564.66602	6.84	6.84	0	ANNUAL
491590.62	3608859.01	3701.20145	6.44	6.44	0	ANNUAL
491586.79	3608875.59	3404.77827	6.39	6.39	0	ANNUAL
491617.41	3608884.52	3257.20091	6.78	6.78	0	ANNUAL
491707.97	3608753.13	7153.25801	8.91	8.91	0	ANNUAL
491702.87	3608768.44	6396.431	8.78	8.78	0	ANNUAL
491696.49	3608791.4	5468.59705	8.59	8.59	0	ANNUAL
491688.84	3608805.43	4998.74356	8.39	8.39	0	ANNUAL
491683.74	3608834.77	4189.63762	8.26	8.26	0	ANNUAL
491674.81	3608851.36	3820.01121	8.03	8.03	0	ANNUAL
491669.71	3608874.32	3379.43532	7.9	7.9	0	ANNUAL
491667.15	3608903.66	2914.7126	7.83	7.83	0	ANNUAL
491741.14	3608758.23	6978.56924	9.36	9.36	0	ANNUAL
491733.49	3608772.27	6281.67673	9.27	9.27	0	ANNUAL
491727.11	3608797.78	5275.56965	9.18	9.18	0	ANNUAL
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491706.7	3608855.18	3729.43269	8.84	8.84	0	ANNUAL
491701.6	3608871.77	3409.51209	8.71	8.71	0	ANNUAL
491699.05	3608899.83	2955.05305	8.65	8.65	0	ANNUAL
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491760.28	3608828.39	4468.7311	9.61	9.61	0	ANNUAL
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491747.52	3608869.21	3518.43567	9.44	9.44	0	ANNUAL
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491738.59	3608902.38	2954.26121	9.33	9.33	0	ANNUAL
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491835.54	3608834.77	4650.58333	10.57	10.57	0	ANNUAL
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491824.06	3608874.32	3704.88695	10.42	10.42	0	ANNUAL
491824.06	3608890.9	3400.78112	10.42	10.42	0	ANNUAL
491820.23	3608904.93	3159.29467	10.37	10.37	0	ANNUAL
491818.95	3608924.07	2877.04023	10.36	10.36	0	ANNUAL

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491855.95	3608878.14	3724.29971	10.83	10.83	0	ANNUAL
491849.57	3608899.83	3323.74804	10.75	10.75	0	ANNUAL
491857.22	3608915.14	3103.21069	10.85	10.85	0	ANNUAL
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491890.39	3608932.99	2909.41727	11.27	11.27	0	ANNUAL
491915.9	3608818.19	5123.01474	11.6	11.6	0	ANNUAL
491914.63	3608838.6	4596.72161	11.58	11.58	0	ANNUAL
491904.42	3608855.18	4234.93498	11.45	11.45	0	ANNUAL
491903.14	3608874.32	3846.14771	11.43	11.43	0	ANNUAL
491895.49	3608897.28	3438.65333	11.34	11.34	0	ANNUAL
491915.9	3608899.83	3397.17383	11.6	11.6	0	ANNUAL
491936.31	3608902.38	3337.66685	11.86	11.86	0	ANNUAL
491952.89	3608910.03	3198.84616	12.07	12.07	0	ANNUAL
491966.93	3608922.79	3001.95003	12.25	12.25	0	ANNUAL
491923.55	3608947.03	2752.86059	11.69	11.69	0	ANNUAL
491945.24	3608961.06	2590.66041	11.97	11.97	0	ANNUAL
491737.31	3608925.34	2646.50014	9.31	9.31	0	ANNUAL

** CONCUNIT ug/ m^3

** DEPUNIT g/m^ 2

A\construc		2-Jan	*	AERMOD (1808	1): C:\Users\x
		12:24	*	AERMET (1413	4):
			*	MODELING OPTI	ONS USED: Re
UP: AREA			*	PLOT	FILE OF ANNUAL
			*	FOR A	TOTAL OF 38
			*	FORMA	T: (3(1X,F13.5
GRP	NUM YRS	NET ID	*	X	Y
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AREA	5	491724.97	3607923.12
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AREA	5	491735.11	3607910.22
AREA	5	491558.16	3608010.67
AREA	5	491579.36	3607998.69
AREA	5	491595.95	3608003.3
AREA	5	491613.46	3607995.92
AREA	5	491599.63	3607983.94
AREA	5	491623.59	3607979.33

AREA	5	491640.18	3607983.02
AREA	5	491660.46	3607968.28
AREA	5	491659.54	3607951.69
AREA	5	491677.05	3607950.77
AREA	5	491682.58	3607937.86
AREA	5	491670.6	3607928.65
AREA	5	491694.56	3607921.27
AREA	5	491682.58	3607913.9
AREA	5	491682.58	3607901.92
AREA	5	491705.62	3607902.84
AREA	5	491561.62	3607964.09
AREA	5	491578.12	3607959.66
AREA	5	491573.42	3607943.99
AREA	5	491600.84	3607959.66
AREA	5	491591.44	3607944.77
AREA	5	491603.97	3607934.59
AREA	5	491615.72	3607947.91
AREA	5	491636.09	3607933.02
AREA	5	491625.12	3607917.35
AREA	5	491644.71	3607918.92
AREA	5	491642.36	3607896.99
AREA	5	491658.03	3607905.6
AREA	5	491665.08	3607887.59
AREA	5	491647.06	3607883.67
AREA	5	491564.8	3607922.84
AREA	5	491587.52	3607913.44
AREA	5	491573.42	3607903.25
AREA	5	491607.11	3607896.2
AREA	5	491603.97	3607878.97
AREA	5	491621.99	3607877.4
AREA	5	491892.25	3607962.79
AREA	5	491943.96	3607975.32
AREA	5	491586.79	3608712.31
AREA	5	491579.14	3608732.72
AREA	5	491579.14	3608751.86
AREA	5	491563.83	3608778.64
AREA	5	491558.73	3608797.78
AREA	5	491545.97	3608824.57
AREA	5	491543.42	3608838.6
AREA	5	491534.49	3608869.21
AREA	5	491635.26	3608725.07
AREA	5	491665.88	3608731.45
AREA	5	491654.4	3608756.96
AREA	5	491627.61	3608748.03
AREA	5	491621.23	3608764.61
AREA	5	491651.85	3608772.27
AREA	5	491635.26	3608823.29

AREA	5	491608.48	3608810.54
AREA	5	491603.37	3608829.67
AREA	5	491627.61	3608838.6
AREA	5	491622.51	3608866.66
AREA	5	491590.62	3608859.01
AREA	5	491586.79	3608875.59
AREA	5	491617.41	3608884.52
AREA	5	491707.97	3608753.13
AREA	5	491702.87	3608768.44
AREA	5	491696.49	3608791.4
AREA	5	491688.84	3608805.43
AREA	5	491683.74	3608834.77
AREA	5	491674.81	3608851.36
AREA	5	491669.71	3608874.32
AREA	5	491667.15	3608903.66
AREA	5	491741.14	3608758.23
AREA	5	491733.49	3608772.27
AREA	5	491727.11	3608797.78
AREA	5	491720.73	3608809.26
AREA	5	491711.8	3608833.5
AREA	5	491706.7	3608855.18
AREA	5	491701.6	3608871.77
AREA	5	491699.05	3608899.83
AREA	5	491778.13	3608770.99
AREA	5	491773.03	3608791.4
AREA	5	491762.83	3608811.81
AREA	5	491760.28	3608828.39
AREA	5	491755.17	3608851.36
AREA	5	491747.52	3608869.21
AREA	5	491738.59	3608884.52
AREA	5	491738.59	3608902.38
AREA	5	491804.92	3608781.2
AREA	5	491802.37	3608806.71
AREA	5	491789.61	3608822.02
AREA	5	491788.34	3608839.87
AREA	5	491774.31	3608853.91
AREA	5	491778.13	3608875.59
AREA	5	491773.03	3608892.17
AREA	5	491770.48	3608916.41
AREA	5	491848.29	3608793.95
AREA	5	491845.74	3608815.64
AREA	5	491835.54	3608834.77
AREA	5	491829.16	3608859.01
AREA	5	491824.06	3608874.32
AREA	5	491824.06	3608890.9
AREA	5	491820.23	3608904.93
AREA	5	491818.95	3608924.07

AREA	5	491817.68	3608940.65
AREA	5	491873.81	3608822.02
AREA	5	491864.88	3608842.43
AREA	5	491859.77	3608864.11
AREA	5	491855.95	3608878.14
AREA	5	491849.57	3608899.83
AREA	5	491857.22	3608915.14
AREA	5	491869.98	3608930.44
AREA	5	491890.39	3608932.99
AREA	5	491915.9	3608818.19
AREA	5	491914.63	3608838.6
AREA	5	491904.42	3608855.18
AREA	5	491903.14	3608874.32
AREA	5	491895.49	3608897.28
AREA	5	491915.9	3608899.83
AREA	5	491936.31	3608902.38
AREA	5	491952.89	3608910.03
AREA	5	491966.93	3608922.79
AREA	5	491923.55	3608947.03
AREA	5	491945.24	3608961.06
AREA	5	491737.31	3608925.34
** CONCUNIT ug/ m^3			
** DEPUNIT g/m^ 2			

gDFAULT CONC ELEV URB AN
VALUES AVERA GED ACROSS 5 YEARS FOR SO URCE GRO UP: LINE
9 RECEPTORS.
),3(1X,F8.2), 2X,A6,2X,A8 ,2X,I8.8, 2X,A8)
AVERAGE CONC ZELEV ZHILL ZFLAG AVE GRP NUM YRS NET ID

2.71215	9.85	9.85	0	ANNUAL	LINE		5
40.63129	8.75	8.75	0	ANNUAL	LINE		5
37.16311	8.95	8.95	0	ANNUAL	LINE		5
18.63654	8.83	8.83	0	ANNUAL	LINE		5
18.30192	9.05	9.05	0	ANNUAL	LINE		5
11.83867	8.99	8.99	0	ANNUAL	LINE		5
8.50172	9.04	9.04	0	ANNUAL	LINE		5
6.29229	9.08	9.08	0	ANNUAL	LINE		5
4.82803	9.11	9.11	0	ANNUAL	LINE		5
3.60052	9.18	9.18	0	ANNUAL	LINE		5
17.47807	9.57	9.57	0	ANNUAL	LINE		5
16.36569	9.6	9.6	0	ANNUAL	LINE		5
13.10984	9.68	9.68	0	ANNUAL	LINE		5
10.45869	9.78	9.78	0	ANNUAL	LINE		5
6.89013	9.93	9.93	0	ANNUAL	LINE		5
5.50992	9.99	9.99	0	ANNUAL	LINE		5
4.51933	10.08	10.08	0	ANNUAL	LINE		5
3.29514	10.13	10.13	0	ANNUAL	LINE		5
2.54421	10.21	10.21	0	ANNUAL	LINE		5
2.70752	9.22	9.22	0	ANNUAL	LINE		5
2.04387	9.28	9.28	0	ANNUAL	LINE		5
1.44327	9.36	9.36	0	ANNUAL	LINE		5
1.76573	9.63	9.63	0	ANNUAL	LINE		5
2.33746	10	10	0	ANNUAL	LINE		5
2.83789	9.95	9.95	0	ANNUAL	LINE		5
3.15933	9.98	9.98	0	ANNUAL	LINE		5
3.45016	10.04	10.04	0	ANNUAL	LINE		5
4.03201	10.08	10.08	0	ANNUAL	LINE		5
2.05662	10.23	10.23	0	ANNUAL	LINE		5
2.21408	10.28	10.28	0	ANNUAL	LINE		5
2.4267	10.35	10.35	0	ANNUAL	LINE		5
2.6929	10.4	10.4	0	ANNUAL	LINE		5
3.01035	10.45	10.45	0	ANNUAL	LINE		5
1.56146	10.56	10.56	0	ANNUAL	LINE		5
1.71251	10.63	10.63	0	ANNUAL	LINE		5
1.91468	10.67	10.67	0	ANNUAL	LINE		5
2.05708	10.74	10.74	0	ANNUAL	LINE		5
2.25717	10.79	10.79	0	ANNUAL	LINE		5
1.5442	11.05	11.05	0	ANNUAL	LINE		5

1.64752	11.09	11.09	0	ANNUAL	LINE	5
1.7769	11.16	11.16	0	ANNUAL	LINE	5
0.91756	11.47	11.47	0	ANNUAL	LINE	5
1.01343	11.52	11.52	0	ANNUAL	LINE	5
1.08708	11.59	11.59	0	ANNUAL	LINE	5
1.15656	11.66	11.66	0	ANNUAL	LINE	5
1.24684	11.71	11.71	0	ANNUAL	LINE	5
0.77086	11.84	11.84	0	ANNUAL	LINE	5
0.83799	11.87	11.87	0	ANNUAL	LINE	5
0.90443	11.94	11.94	0	ANNUAL	LINE	5
0.96222	11.99	11.99	0	ANNUAL	LINE	5
1.04776	12.04	12.04	0	ANNUAL	LINE	5
0.64922	12.15	12.15	0	ANNUAL	LINE	5
0.70953	12.22	12.22	0	ANNUAL	LINE	5
0.75843	12.27	12.27	0	ANNUAL	LINE	5
0.80837	12.33	12.33	0	ANNUAL	LINE	5
0.85687	12.39	12.39	0	ANNUAL	LINE	5
0.56015	12.52	12.52	0	ANNUAL	LINE	5
0.60579	12.56	12.56	0	ANNUAL	LINE	5
0.646	12.64	12.64	0	ANNUAL	LINE	5
0.69626	12.68	12.68	0	ANNUAL	LINE	5
0.73928	12.73	12.73	0	ANNUAL	LINE	5
7.44433	10.06	10.06	0	ANNUAL	LINE	5
3.59829	10.78	10.78	0	ANNUAL	LINE	5
7.99283	10.14	10.14	0	ANNUAL	LINE	5
7.09578	10.31	10.31	0	ANNUAL	LINE	5
7.41382	10.27	10.27	0	ANNUAL	LINE	5
6.01035	10.49	10.49	0	ANNUAL	LINE	5
4.98056	10.53	10.53	0	ANNUAL	LINE	5
4.3267	10.59	10.59	0	ANNUAL	LINE	5
3.72852	10.66	10.66	0	ANNUAL	LINE	5
3.15801	10.71	10.71	0	ANNUAL	LINE	5
2.68938	10.69	10.69	0	ANNUAL	LINE	5
2.31799	10.83	10.83	0	ANNUAL	LINE	5
3.92068	10.87	10.87	0	ANNUAL	LINE	5
4.13765	10.99	10.99	0	ANNUAL	LINE	5
4.1747	11.02	11.02	0	ANNUAL	LINE	5
3.92112	11.1	11.1	0	ANNUAL	LINE	5
3.44176	11.24	11.24	0	ANNUAL	LINE	5
3.2761	11.17	11.17	0	ANNUAL	LINE	5
2.85414	11.34	11.34	0	ANNUAL	LINE	5
2.57399	11.23	11.23	0	ANNUAL	LINE	5
2.21423	11.52	11.52	0	ANNUAL	LINE	5
2.25235	11.37	11.37	0	ANNUAL	LINE	5
2.4227	11.43	11.43	0	ANNUAL	LINE	5
2.55377	11.53	11.53	0	ANNUAL	LINE	5
2.73973	11.57	11.57	0	ANNUAL	LINE	5

2.77387	11.69	11.69	0	ANNUAL	LINE	5
2.72184	11.76	11.76	0	ANNUAL	LINE	5
2.61058	11.85	11.85	0	ANNUAL	LINE	5
2.56586	11.85	11.85	0	ANNUAL	LINE	5
2.30116	12.04	12.04	0	ANNUAL	LINE	5
2.28757	11.92	11.92	0	ANNUAL	LINE	5
1.92083	12.26	12.26	0	ANNUAL	LINE	5
1.43445	12.08	12.08	0	ANNUAL	LINE	5
1.55699	12.14	12.14	0	ANNUAL	LINE	5
1.81736	12.02	12.02	0	ANNUAL	LINE	5
1.75203	12.27	12.27	0	ANNUAL	LINE	5
1.94963	12.2	12.2	0	ANNUAL	LINE	5
1.84423	12.41	12.41	0	ANNUAL	LINE	5
1.94539	12.39	12.39	0	ANNUAL	LINE	5
1.96082	12.43	12.43	0	ANNUAL	LINE	5
1.86581	12.57	12.57	0	ANNUAL	LINE	5
1.94735	12.47	12.47	0	ANNUAL	LINE	5
1.76457	12.68	12.68	0	ANNUAL	LINE	5
1.71233	12.7	12.7	0	ANNUAL	LINE	5
1.11315	12.57	12.57	0	ANNUAL	LINE	5
1.22143	12.65	12.65	0	ANNUAL	LINE	5
1.25216	12.77	12.77	0	ANNUAL	LINE	5
0.89809	12.98	12.98	0	ANNUAL	LINE	5
0.7854	13.33	13.33	0	ANNUAL	LINE	5
1.26584	12.9	12.9	0	ANNUAL	LINE	5
1.37757	12.88	12.88	0	ANNUAL	LINE	5
1.06697	13.41	13.41	0	ANNUAL	LINE	5
1.44695	12.98	12.98	0	ANNUAL	LINE	5
1.43698	13.22	13.22	0	ANNUAL	LINE	5
1.46755	13.04	13.04	0	ANNUAL	LINE	5
1.15696	13.83	13.83	0	ANNUAL	LINE	5
0.82048	9.09	9.09	0	ANNUAL	LINE	5
1.01929	9.46	9.46	0	ANNUAL	LINE	5
1.19844	9.83	9.83	0	ANNUAL	LINE	5
1.34443	10.27	10.27	0	ANNUAL	LINE	5
0.68642	8.99	8.99	0	ANNUAL	LINE	5
0.95334	9.7	9.7	0	ANNUAL	LINE	5
1.19114	10.3	10.3	0	ANNUAL	LINE	5
0.96262	10.25	10.25	0	ANNUAL	LINE	5
0.79462	9.69	9.69	0	ANNUAL	LINE	5
0.50327	8.84	8.84	0	ANNUAL	LINE	5
0.4441	8.8	8.8	0	ANNUAL	LINE	5
0.54139	9.19	9.19	0	ANNUAL	LINE	5
0.6769	10.14	10.14	0	ANNUAL	LINE	5
0.59639	10.35	10.35	0	ANNUAL	LINE	5
0.49036	10.34	10.34	0	ANNUAL	LINE	5
0.35189	8.85	8.85	0	ANNUAL	LINE	5

0.292	8.98	8.98	0	ANNUAL	LINE	5
0.21562	9.1	9.1	0	ANNUAL	LINE	5
0.28963	9.83	9.83	0	ANNUAL	LINE	5
0.34252	10.37	10.37	0	ANNUAL	LINE	5
1.58326	10.84	10.84	0	ANNUAL	LINE	5
1.72935	11.18	11.18	0	ANNUAL	LINE	5
1.81216	11.53	11.53	0	ANNUAL	LINE	5
1.17209	10.99	10.99	0	ANNUAL	LINE	5
1.33436	11.53	11.53	0	ANNUAL	LINE	5
1.06121	11.91	11.91	0	ANNUAL	LINE	5
0.88806	11.11	11.11	0	ANNUAL	LINE	5
0.65486	11.22	11.22	0	ANNUAL	LINE	5
0.67462	11.49	11.49	0	ANNUAL	LINE	5
0.74218	12.09	12.09	0	ANNUAL	LINE	5
0.58284	11.78	11.78	0	ANNUAL	LINE	5
0.48467	11.08	11.08	0	ANNUAL	LINE	5
0.40747	10.96	10.96	0	ANNUAL	LINE	5
0.49104	11.84	11.84	0	ANNUAL	LINE	5
0.42857	11.71	11.71	0	ANNUAL	LINE	5
0.35545	10.96	10.96	0	ANNUAL	LINE	5
1.63629	12.17	12.17	0	ANNUAL	LINE	5
1.43556	12.29	12.29	0	ANNUAL	LINE	5
1.48031	12.78	12.78	0	ANNUAL	LINE	5
1.33609	12.9	12.9	0	ANNUAL	LINE	5
1.13753	12.37	12.37	0	ANNUAL	LINE	5
1.13313	13.08	13.08	0	ANNUAL	LINE	5
0.95426	12.43	12.43	0	ANNUAL	LINE	5
0.9276	13.26	13.26	0	ANNUAL	LINE	5
0.81189	13.41	13.41	0	ANNUAL	LINE	5
0.72072	12.65	12.65	0	ANNUAL	LINE	5
0.55127	12.49	12.49	0	ANNUAL	LINE	5
0.6806	13.47	13.47	0	ANNUAL	LINE	5
1.27558	13.47	13.47	0	ANNUAL	LINE	5
1.08028	14.03	14.03	0	ANNUAL	LINE	5
1.2037	13.51	13.51	0	ANNUAL	LINE	5
1.01145	14.17	14.17	0	ANNUAL	LINE	5
0.94695	14.28	14.28	0	ANNUAL	LINE	5
1.03352	13.62	13.62	0	ANNUAL	LINE	5
0.91938	14.21	14.21	0	ANNUAL	LINE	5
0.93915	13.71	13.71	0	ANNUAL	LINE	5
0.86053	13.79	13.79	0	ANNUAL	LINE	5
0.80792	14.49	14.49	0	ANNUAL	LINE	5
0.73113	14.54	14.54	0	ANNUAL	LINE	5
0.67306	14.65	14.65	0	ANNUAL	LINE	5
0.76825	13.86	13.86	0	ANNUAL	LINE	5
0.68315	13.99	13.99	0	ANNUAL	LINE	5
0.60414	14.03	14.03	0	ANNUAL	LINE	5

0.60903	14.48	14.48	0	ANNUAL	LINE	5
0.84615	14.83	14.83	0	ANNUAL	LINE	5
0.86205	14.74	14.74	0	ANNUAL	LINE	5
0.84196	14.77	14.77	0	ANNUAL	LINE	5
0.808	14.83	14.83	0	ANNUAL	LINE	5
0.76159	14.98	14.98	0	ANNUAL	LINE	5
0.72336	15.02	15.02	0	ANNUAL	LINE	5
0.67343	15.09	15.09	0	ANNUAL	LINE	5
0.63341	15.16	15.16	0	ANNUAL	LINE	5
0.59758	15.24	15.24	0	ANNUAL	LINE	5
0.56237	15.33	15.33	0	ANNUAL	LINE	5
0.95379	7.66	7.66	0	ANNUAL	LINE	5
0.68053	7.68	7.68	0	ANNUAL	LINE	5
0.57313	7.59	7.59	0	ANNUAL	LINE	5
0.49193	7.49	7.49	0	ANNUAL	LINE	5
0.42458	7.39	7.39	0	ANNUAL	LINE	5
0.37342	7.3	7.3	0	ANNUAL	LINE	5
0.32522	7.19	7.19	0	ANNUAL	LINE	5
0.30182	7.18	7.18	0	ANNUAL	LINE	5
0.26913	7.07	7.07	0	ANNUAL	LINE	5
0.24322	7.11	7.11	0	ANNUAL	LINE	5
0.18861	7.26	7.26	0	ANNUAL	LINE	5
0.17194	7.29	7.29	0	ANNUAL	LINE	5
0.15735	7.29	7.29	0	ANNUAL	LINE	5
0.14774	7.41	7.41	0	ANNUAL	LINE	5
0.13494	7.45	7.45	0	ANNUAL	LINE	5
0.12526	7.55	7.55	0	ANNUAL	LINE	5
0.11385	7.6	7.6	0	ANNUAL	LINE	5
0.61405	7.03	7.03	0	ANNUAL	LINE	5
0.50736	6.8	6.8	0	ANNUAL	LINE	5
0.42946	6.49	6.49	0	ANNUAL	LINE	5
0.35221	6.14	6.14	0	ANNUAL	LINE	5
0.32156	5.95	5.95	0	ANNUAL	LINE	5
0.2718	5.63	5.63	0	ANNUAL	LINE	5
0.4194	6.94	6.94	0	ANNUAL	LINE	5
0.5141	7.21	7.21	0	ANNUAL	LINE	5
0.36746	6.85	6.85	0	ANNUAL	LINE	5
0.32912	6.79	6.79	0	ANNUAL	LINE	5
0.3411	6.93	6.93	0	ANNUAL	LINE	5
0.31991	6.93	6.93	0	ANNUAL	LINE	5
0.28186	6.84	6.84	0	ANNUAL	LINE	5
0.28068	6.62	6.62	0	ANNUAL	LINE	5
0.27	6.65	6.65	0	ANNUAL	LINE	5
0.23991	6.56	6.56	0	ANNUAL	LINE	5
0.22037	6.57	6.57	0	ANNUAL	LINE	5
0.23929	6.73	6.73	0	ANNUAL	LINE	5
0.20522	6.79	6.79	0	ANNUAL	LINE	5

0.18973	6.87	6.87	0	ANNUAL	LINE	5
0.38106	6.58	6.58	0	ANNUAL	LINE	5
0.3492	6.41	6.41	0	ANNUAL	LINE	5
0.31999	6.22	6.22	0	ANNUAL	LINE	5
0.28739	5.99	5.99	0	ANNUAL	LINE	5
0.27053	5.86	5.86	0	ANNUAL	LINE	5
0.24793	5.64	5.64	0	ANNUAL	LINE	5
0.21986	5.38	5.38	0	ANNUAL	LINE	5
0.20076	5.31	5.31	0	ANNUAL	LINE	5
0.21644	5.5	5.5	0	ANNUAL	LINE	5
0.23709	5.73	5.73	0	ANNUAL	LINE	5
0.26452	5.97	5.97	0	ANNUAL	LINE	5
0.28675	6.19	6.19	0	ANNUAL	LINE	5
0.31637	6.41	6.41	0	ANNUAL	LINE	5
0.2525	6.19	6.19	0	ANNUAL	LINE	5
0.22558	5.9	5.9	0	ANNUAL	LINE	5
0.22214	6.08	6.08	0	ANNUAL	LINE	5
0.23548	6.27	6.27	0	ANNUAL	LINE	5
0.16037	5.16	5.16	0	ANNUAL	LINE	5
0.14559	5.01	5.01	0	ANNUAL	LINE	5
0.14698	5.22	5.22	0	ANNUAL	LINE	5
0.17577	5.49	5.49	0	ANNUAL	LINE	5
0.15714	5.43	5.43	0	ANNUAL	LINE	5
0.17041	5.68	5.68	0	ANNUAL	LINE	5
0.15465	5.73	5.73	0	ANNUAL	LINE	5
0.17932	5.89	5.89	0	ANNUAL	LINE	5
0.16872	6.03	6.03	0	ANNUAL	LINE	5
0.17328	6.26	6.26	0	ANNUAL	LINE	5
0.14986	6.13	6.13	0	ANNUAL	LINE	5
0.16255	6.43	6.43	0	ANNUAL	LINE	5
0.1456	6.7	6.7	0	ANNUAL	LINE	5
0.12538	6.61	6.61	0	ANNUAL	LINE	5
0.1415	6.91	6.91	0	ANNUAL	LINE	5
0.12953	7.02	7.02	0	ANNUAL	LINE	5
0.12042	7.18	7.18	0	ANNUAL	LINE	5
0.11043	6.99	6.99	0	ANNUAL	LINE	5
0.10966	7.22	7.22	0	ANNUAL	LINE	5
0.10089	7.04	7.04	0	ANNUAL	LINE	5
0.09521	7.17	7.17	0	ANNUAL	LINE	5
0.10112	7.33	7.33	0	ANNUAL	LINE	5
0.08948	7.3	7.3	0	ANNUAL	LINE	5
0.12114	5.03	5.03	0	ANNUAL	LINE	5
0.11796	5.3	5.3	0	ANNUAL	LINE	5
0.1266	5.51	5.51	0	ANNUAL	LINE	5
0.12513	5.74	5.74	0	ANNUAL	LINE	5
0.11194	5.56	5.56	0	ANNUAL	LINE	5
0.11409	5.87	5.87	0	ANNUAL	LINE	5

0.12094	6.08	6.08	0	ANNUAL	LINE	5
0.11369	6.34	6.34	0	ANNUAL	LINE	5
0.10173	6.24	6.24	0	ANNUAL	LINE	5
0.10432	6.49	6.49	0	ANNUAL	LINE	5
0.09695	6.52	6.52	0	ANNUAL	LINE	5
0.0897	6.27	6.27	0	ANNUAL	LINE	5
0.08923	6.67	6.67	0	ANNUAL	LINE	5
0.08368	6.42	6.42	0	ANNUAL	LINE	5
0.078	6.37	6.37	0	ANNUAL	LINE	5
0.08134	6.86	6.86	0	ANNUAL	LINE	5
0.09104	5.08	5.08	0	ANNUAL	LINE	5
0.09175	5.24	5.24	0	ANNUAL	LINE	5
0.08283	5.01	5.01	0	ANNUAL	LINE	5
0.09601	5.53	5.53	0	ANNUAL	LINE	5
0.08613	5.25	5.25	0	ANNUAL	LINE	5
0.08299	5.3	5.3	0	ANNUAL	LINE	5
0.09183	5.59	5.59	0	ANNUAL	LINE	5
0.08695	5.7	5.7	0	ANNUAL	LINE	5
0.07785	5.38	5.38	0	ANNUAL	LINE	5
0.08111	5.72	5.72	0	ANNUAL	LINE	5
0.07132	5.46	5.46	0	ANNUAL	LINE	5
0.07669	5.87	5.87	0	ANNUAL	LINE	5
0.07005	5.9	5.9	0	ANNUAL	LINE	5
0.06677	5.45	5.45	0	ANNUAL	LINE	5
0.07232	4.67	4.67	0	ANNUAL	LINE	5
0.07149	4.86	4.86	0	ANNUAL	LINE	5
0.06604	4.57	4.57	0	ANNUAL	LINE	5
0.06721	4.92	4.92	0	ANNUAL	LINE	5
0.06106	4.7	4.7	0	ANNUAL	LINE	5
0.06223	4.91	4.91	0	ANNUAL	LINE	5
0.20211	9.3	9.3	0	ANNUAL	LINE	5
0.26865	10.09	10.09	0	ANNUAL	LINE	5
0.25537	6.74	6.74	0	ANNUAL	LINE	5
0.22345	6.49	6.49	0	ANNUAL	LINE	5
0.19896	6.43	6.43	0	ANNUAL	LINE	5
0.17032	6.11	6.11	0	ANNUAL	LINE	5
0.1536	6.03	6.03	0	ANNUAL	LINE	5
0.13396	5.87	5.87	0	ANNUAL	LINE	5
0.12516	5.83	5.83	0	ANNUAL	LINE	5
0.10868	5.72	5.72	0	ANNUAL	LINE	5
0.23968	7.77	7.77	0	ANNUAL	LINE	5
0.23355	8.22	8.22	0	ANNUAL	LINE	5
0.19926	7.82	7.82	0	ANNUAL	LINE	5
0.20756	7.38	7.38	0	ANNUAL	LINE	5
0.18774	7.11	7.11	0	ANNUAL	LINE	5
0.1824	7.64	7.64	0	ANNUAL	LINE	5
0.13801	7.02	7.02	0	ANNUAL	LINE	5

0.14544	6.67	6.67	0	ANNUAL	LINE	5
0.13187	6.6	6.6	0	ANNUAL	LINE	5
0.12751	6.91	6.91	0	ANNUAL	LINE	5
0.11155	6.84	6.84	0	ANNUAL	LINE	5
0.11431	6.44	6.44	0	ANNUAL	LINE	5
0.10597	6.39	6.39	0	ANNUAL	LINE	5
0.1028	6.78	6.78	0	ANNUAL	LINE	5
0.20753	8.91	8.91	0	ANNUAL	LINE	5
0.18982	8.78	8.78	0	ANNUAL	LINE	5
0.16695	8.59	8.59	0	ANNUAL	LINE	5
0.15457	8.39	8.39	0	ANNUAL	LINE	5
0.13298	8.26	8.26	0	ANNUAL	LINE	5
0.12236	8.03	8.03	0	ANNUAL	LINE	5
0.10986	7.9	7.9	0	ANNUAL	LINE	5
0.09656	7.83	7.83	0	ANNUAL	LINE	5
0.20192	9.36	9.36	0	ANNUAL	LINE	5
0.18683	9.27	9.27	0	ANNUAL	LINE	5
0.16283	9.18	9.18	0	ANNUAL	LINE	5
0.15316	9.1	9.1	0	ANNUAL	LINE	5
0.13521	8.97	8.97	0	ANNUAL	LINE	5
0.12169	8.84	8.84	0	ANNUAL	LINE	5
0.11253	8.71	8.71	0	ANNUAL	LINE	5
0.09935	8.65	8.65	0	ANNUAL	LINE	5
0.18625	9.84	9.84	0	ANNUAL	LINE	5
0.16812	9.77	9.77	0	ANNUAL	LINE	5
0.15217	9.64	9.64	0	ANNUAL	LINE	5
0.14044	9.61	9.61	0	ANNUAL	LINE	5
0.12606	9.54	9.54	0	ANNUAL	LINE	5
0.11604	9.44	9.44	0	ANNUAL	LINE	5
0.10809	9.33	9.33	0	ANNUAL	LINE	5
0.1001	9.33	9.33	0	ANNUAL	LINE	5
0.17405	10.18	10.18	0	ANNUAL	LINE	5
0.15414	10.15	10.15	0	ANNUAL	LINE	5
0.14421	9.98	9.98	0	ANNUAL	LINE	5
0.13287	9.97	9.97	0	ANNUAL	LINE	5
0.12485	9.79	9.79	0	ANNUAL	LINE	5
0.1135	9.84	9.84	0	ANNUAL	LINE	5
0.10568	9.77	9.77	0	ANNUAL	LINE	5
0.09553	9.74	9.74	0	ANNUAL	LINE	5
0.15787	10.73	10.73	0	ANNUAL	LINE	5
0.14361	10.7	10.7	0	ANNUAL	LINE	5
0.13316	10.57	10.57	0	ANNUAL	LINE	5
0.12055	10.49	10.49	0	ANNUAL	LINE	5
0.11337	10.42	10.42	0	ANNUAL	LINE	5
0.10597	10.42	10.42	0	ANNUAL	LINE	5
0.1003	10.37	10.37	0	ANNUAL	LINE	5
0.09309	10.36	10.36	0	ANNUAL	LINE	5

0.0874	10.34	10.34	0	ANNUAL	LINE	5
0.13605	11.06	11.06	0	ANNUAL	LINE	5
0.12605	10.95	10.95	0	ANNUAL	LINE	5
0.1159	10.88	10.88	0	ANNUAL	LINE	5
0.1099	10.83	10.83	0	ANNUAL	LINE	5
0.10134	10.75	10.75	0	ANNUAL	LINE	5
0.09528	10.85	10.85	0	ANNUAL	LINE	5
0.08953	11.01	11.01	0	ANNUAL	LINE	5
0.0877	11.27	11.27	0	ANNUAL	LINE	5
0.13148	11.6	11.6	0	ANNUAL	LINE	5
0.12148	11.58	11.58	0	ANNUAL	LINE	5
0.11528	11.45	11.45	0	ANNUAL	LINE	5
0.10735	11.43	11.43	0	ANNUAL	LINE	5
0.09929	11.34	11.34	0	ANNUAL	LINE	5
0.09661	11.6	11.6	0	ANNUAL	LINE	5
0.09379	11.86	11.86	0	ANNUAL	LINE	5
0.08973	12.07	12.07	0	ANNUAL	LINE	5
0.08465	12.25	12.25	0	ANNUAL	LINE	5
0.0816	11.69	11.69	0	ANNUAL	LINE	5
0.07653	11.97	11.97	0	ANNUAL	LINE	5
0.09097	9.31	9.31	0	ANNUAL	LINE	5

Moss Street

2019 **Tier III mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Area Source Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
491856.94	3608423.76	631633.5918	0.29177	2.71215	1.75387E-05	0.29179
491770.82	3608296.56	83768.45212	0.03870	40.63129	2.62751E-04	0.03896
491786.69	3608300.4	169029.1196	0.07808	37.16311	2.40324E-04	0.07832
491777.07	3608270.58	37629.84601	0.01738	18.63654	1.20517E-04	0.01750
491794.39	3608275.87	71537.09153	0.03305	18.30192	1.18353E-04	0.03316
491789.88	3608254.44	30952.91267	0.01430	11.83867	7.65574E-05	0.01437
491793.88	3608239.79	22440.86907	0.01037	8.50172	5.49783E-05	0.01042
491796.54	3608225.81	16889.37505	0.00780	6.29229	4.06905E-05	0.00784
491799.2	3608213.16	13520.08898	0.00625	4.82803	3.12215E-05	0.00628
491804.53	3608198.51	11109.97723	0.00513	3.60052	2.32836E-05	0.00516
491835.16	3608317.03	396533.5888	0.18317	17.47807	1.13026E-04	0.18329
491837.82	3608303.71	271820.1418	0.12556	16.36569	1.05832E-04	0.12567
491843.81	3608287.73	172647.9047	0.07975	13.10984	8.47777E-05	0.07984
491851.14	3608274.41	123009.1203	0.05682	10.45869	6.76335E-05	0.05689
491863.07	3608247.22	66875.79104	0.03089	6.89013	4.45566E-05	0.03094
491867.68	3608231.55	48552.36905	0.02243	5.50992	3.56311E-05	0.02246
491875.05	3608218.65	39141.4192	0.01808	4.51933	2.92253E-05	0.01811
491878.74	3608195.61	25762.88386	0.01190	3.29514	2.13088E-05	0.01192
491885.19	3608177.18	19590.4194	0.00905	2.54421	1.64527E-05	0.00907
491807.78	3608183.63	8991.73281	0.00415	2.70752	1.75088E-05	0.00417
491812.39	3608167.97	7461.70142	0.00345	2.04387	1.32171E-05	0.00346
491819.76	3608146.77	6015.00085	0.00278	1.44327	9.33323E-06	0.00279
491840.03	3608155.06	8586.85941	0.00397	1.76573	1.14185E-05	0.00398
491868.6	3608170.73	15061.64567	0.00696	2.33746	1.51157E-05	0.00697
491865.26	3608414.36	589528.9513	0.27232	2.83789	1.83519E-05	0.27234
491867.52	3608403.04	603276.5021	0.27868	3.15933	2.04305E-05	0.27870
491872.05	3608392.29	591456.4074	0.27321	3.45016	2.23112E-05	0.27324
491874.88	3608377.58	597304.6585	0.27592	4.03201	2.60739E-05	0.27594
491886.76	3608431.91	388718.8886	0.17956	2.05662	1.32996E-05	0.17958
491890.73	3608422.29	390103.9893	0.18020	2.21408	1.43178E-05	0.18022
491896.39	3608409.84	385911.6877	0.17827	2.42670	1.56928E-05	0.17828
491900.35	3608397.38	386378.606	0.17848	2.69290	1.74142E-05	0.17850
491903.74	3608384.93	384883.2425	0.17779	3.01035	1.94671E-05	0.17781
491912.8	3608444.92	257671.8221	0.11903	1.56146	1.00975E-05	0.11904
491917.89	3608432.47	263360.5712	0.12166	1.71251	1.10743E-05	0.12167
491921.29	3608418.89	272794.7326	0.12601	1.91468	1.23817E-05	0.12603
491926.95	3608408.14	268804.5308	0.12417	2.05708	1.33026E-05	0.12418
491930.91	3608396.25	268530.5384	0.12404	2.25717	1.45965E-05	0.12406
491950.72	3608425.12	194646.6309	0.08991	1.54420	9.98592E-06	0.08992
491954.11	3608416.06	196618.6307	0.09083	1.64752	1.06541E-05	0.09084
491959.21	3608404.74	195737.5449	0.09042	1.77690	1.14907E-05	0.09043
491984.11	3608467.56	110109.8527	0.05086	0.91756	5.93361E-06	0.05087
491987.5	3608453.98	118307.1477	0.05465	1.01343	6.55357E-06	0.05466
491993.16	3608442.66	121481.4834	0.05612	1.08708	7.02985E-06	0.05612
491998.26	3608432.47	123421.6186	0.05701	1.15656	7.47916E-06	0.05702
492002.22	3608421.15	126246.5201	0.05832	1.24684	8.06297E-06	0.05833
492012.41	3608475.49	83621.49564	0.03863	0.77086	4.98494E-06	0.03863
492015.24	3608463.6	89538.12932	0.04136	0.83799	5.41905E-06	0.04137

492020.9	3608451.15	93343.85437	0.04312	0.90443	5.84870E-06	0.04312
492024.29	3608441.53	96373.73261	0.04452	0.96222	6.22241E-06	0.04452
492028.25	3608428.51	100102.7559	0.04624	1.04776	6.77558E-06	0.04625
492037.31	3608486.24	64997.07485	0.03002	0.64922	4.19833E-06	0.03003
492042.4	3608472.09	70003.93619	0.03234	0.70953	4.58834E-06	0.03234
492046.36	3608461.34	73396.40947	0.03390	0.75843	4.90456E-06	0.03391
492050.89	3608450.58	76111.04301	0.03516	0.80837	5.22751E-06	0.03516
492055.42	3608440.4	78120.56521	0.03609	0.85687	5.54114E-06	0.03609
492065.61	3608493.6	51730.61634	0.02390	0.56015	3.62234E-06	0.02390
492069	3608481.15	55673.63012	0.02572	0.60579	3.91748E-06	0.02572
492075.23	3608469.26	58198.33458	0.02688	0.64600	4.17750E-06	0.02689
492078.06	3608457.38	61580.37877	0.02845	0.69626	4.50252E-06	0.02845
492082.59	3608446.62	63614.62687	0.02939	0.73928	4.78072E-06	0.02939
491873.18	3608334.56	510026.4393	0.23560	7.44433	4.81404E-05	0.23565
491929.78	3608349.84	275582.9614	0.12730	3.59829	2.32692E-05	0.12732
491879.97	3608317.02	336657.7205	0.15551	7.99283	5.16874E-05	0.15557
491893.22	3608305.33	244539.0944	0.11296	7.09578	4.58865E-05	0.11301
491889.89	3608289.35	180966.3293	0.08359	7.41382	4.79431E-05	0.08364
491907.21	3608277.37	138377.9598	0.06392	6.01035	3.88673E-05	0.06396
491909.87	3608246.74	79154.74331	0.03656	4.98056	3.22079E-05	0.03660
491914.53	3608232.76	62103.64315	0.02869	4.32670	2.79796E-05	0.02872
491920.52	3608219.44	50060.99609	0.02312	3.72852	2.41113E-05	0.02315
491923.85	3608203.46	38703.0525	0.01788	3.15801	2.04220E-05	0.01790
491922.52	3608187.48	29639.67512	0.01369	2.68938	1.73915E-05	0.01371
491933.84	3608176.16	26152.75972	0.01208	2.31799	1.49898E-05	0.01210
491936.5	3608332.63	234523.5732	0.10833	3.92068	2.53540E-05	0.10836
491945.82	3608306.66	173169.8634	0.07999	4.13765	2.67570E-05	0.08002
491948.49	3608292.02	145064.0697	0.06701	4.17470	2.69966E-05	0.06704
491954.48	3608266.71	103224.5835	0.04768	3.92112	2.53568E-05	0.04771
491965.8	3608249.4	80108.96105	0.03701	3.44176	2.22569E-05	0.03703
491959.81	3608230.76	62686.59318	0.02896	3.27610	2.11856E-05	0.02898
491973.12	3608219.44	53627.38352	0.02477	2.85414	1.84569E-05	0.02479
491965.13	3608198.8	40196.10183	0.01857	2.57399	1.66453E-05	0.01858
491987.11	3608190.14	36888.98902	0.01704	2.21423	1.43188E-05	0.01705
491975.79	3608366.59	178873.4984	0.08263	2.25235	1.45653E-05	0.08264
491980.45	3608353.27	169371.4764	0.07824	2.42270	1.56669E-05	0.07825
491988.44	3608337.29	152041.2074	0.07023	2.55377	1.65145E-05	0.07025
491991.77	3608319.32	136973.1522	0.06327	2.73973	1.77171E-05	0.06329
492001.09	3608294.68	110325.6905	0.05096	2.77387	1.79379E-05	0.05098
492006.41	3608282.03	97363.99563	0.04498	2.72184	1.76014E-05	0.04499
492013.07	3608266.05	82663.1572	0.03819	2.61058	1.68819E-05	0.03820
492013.07	3608251.4	72289.32148	0.03339	2.56586	1.65927E-05	0.03341
492028.39	3608241.41	62887.85268	0.02905	2.30116	1.48810E-05	0.02907
492019.07	3608222.77	53476.99655	0.02470	2.28757	1.47931E-05	0.02472
492045.7	3608210.78	45452.49661	0.02100	1.92083	1.24215E-05	0.02101
492031.05	3608385.23	112727.5006	0.05207	1.43445	9.27619E-06	0.05208
492035.71	3608369.92	110781.352	0.05117	1.55699	1.00686E-05	0.05118
492027.06	3608353.27	117475.215	0.05427	1.81736	1.17524E-05	0.05428
492046.36	3608339.96	100944.5021	0.04663	1.75203	1.13299E-05	0.04664
492040.37	3608324.64	101087.0358	0.04670	1.94963	1.26077E-05	0.04671
492057.02	3608313.32	87983.27103	0.04064	1.84423	1.19261E-05	0.04065
492055.69	3608297.34	82983.20924	0.03833	1.94539	1.25803E-05	0.03835
492059.02	3608282.03	75410.62761	0.03483	1.96082	1.26801E-05	0.03485
492069.67	3608270.04	67070.83152	0.03098	1.86581	1.20657E-05	0.03099
492061.68	3608253.4	62148.13063	0.02871	1.94735	1.25930E-05	0.02872
492078.32	3608241.41	53934.29894	0.02491	1.76457	1.14110E-05	0.02493
492079.66	3608226.76	48297.83936	0.02231	1.71233	1.10732E-05	0.02232
492069.51	3608395.3	84466.80709	0.03902	1.11315	7.19844E-06	0.03903
492076.17	3608375.99	83704.79149	0.03867	1.22143	7.89865E-06	0.03867
492085.49	3608364.01	79670.90896	0.03680	1.25216	8.09737E-06	0.03681

492102.14	3608406.62	66659.39687	0.03079	0.89809	5.80770E-06	0.03080
492129.44	3608410.61	56135.98193	0.02593	0.78540	5.07897E-06	0.02594
492095.48	3608352.69	75074.61459	0.03468	1.26584	8.18584E-06	0.03469
492094.15	3608336.04	74769.00478	0.03454	1.37757	8.90837E-06	0.03455
492135.43	3608348.69	59822.0277	0.02763	1.06697	6.89980E-06	0.02764
492101.47	3608312.74	68685.98252	0.03173	1.44695	9.35703E-06	0.03174
492120.78	3608244.15	47515.56367	0.02195	1.43698	9.29255E-06	0.02196
492106.8	3608297.42	63920.32042	0.02953	1.46755	9.49024E-06	0.02954
492168.06	3608256.14	42321.71042	0.01955	1.15696	7.48174E-06	0.01956
491832.47	3608106.99	4180.27461	0.00193	0.82048	5.30582E-06	0.00194
491853.78	3608116.31	5792.22388	0.00268	1.01929	6.59147E-06	0.00268
491874.42	3608123.64	7782.89246	0.00360	1.19844	7.74998E-06	0.00360
491899.72	3608128.96	10460.46231	0.00483	1.34443	8.69406E-06	0.00484
491836.47	3608093.01	3710.77936	0.00171	0.68642	4.43889E-06	0.00172
491877.09	3608106.33	6350.14878	0.00293	0.95334	6.16499E-06	0.00294
491905.05	3608118.98	9510.661	0.00439	1.19114	7.70278E-06	0.00440
491907.71	3608101.66	7734.16153	0.00357	0.96262	6.22500E-06	0.00358
491883.74	3608091.01	5569.59303	0.00257	0.79462	5.13859E-06	0.00258
491848.45	3608065.04	3079.74148	0.00142	0.50327	3.25451E-06	0.00143
491853.12	3608053.06	2845.00857	0.00131	0.44410	2.87187E-06	0.00132
491873.09	3608063.05	3716.66742	0.00172	0.54139	3.50102E-06	0.00172
491909.71	3608072.37	5512.02895	0.00255	0.67690	4.37733E-06	0.00255
491921.03	3608059.05	5157.77157	0.00238	0.59639	3.85669E-06	0.00239
491925.69	3608040.41	4365.67123	0.00202	0.49036	3.17102E-06	0.00202
491856.44	3608031.75	2391.11038	0.00110	0.35189	2.27558E-06	0.00111
491867.1	3608010.44	2147.01462	0.00099	0.29200	1.88828E-06	0.00099
491875.09	3607976.49	1718.34971	0.00079	0.21562	1.39436E-06	0.00080
491918.37	3607991.8	2607.50294	0.00120	0.28963	1.87296E-06	0.00121
491945	3608000.46	3347.42556	0.00155	0.34252	2.21498E-06	0.00155
491935.09	3608141.53	15811.72963	0.00730	1.58326	1.02385E-05	0.00731
491960.9	3608152.59	20885.93528	0.00965	1.72935	1.11832E-05	0.00966
491988.54	3608164.57	26680.53337	0.01232	1.81216	1.17187E-05	0.01234
491946.15	3608114.81	11726.3336	0.00542	1.17209	7.57958E-06	0.00542
491988.54	3608129.55	17191.33706	0.00794	1.33436	8.62894E-06	0.00795
492018.04	3608107.44	14609.94337	0.00675	1.06121	6.86255E-06	0.00676
491955.37	3608089	8955.75981	0.00414	0.88806	5.74284E-06	0.00414
491963.66	3608059.51	6685.43509	0.00309	0.65486	4.23480E-06	0.00309
491984.86	3608059.51	7477.34499	0.00345	0.67462	4.36258E-06	0.00346
492031.86	3608066.89	9871.96109	0.00456	0.74218	4.79947E-06	0.00457
492020.8	3608040.16	7216.79234	0.00333	0.58284	3.76907E-06	0.00334
491977.49	3608027.26	5172.79373	0.00239	0.48467	3.13423E-06	0.00239
491983.94	3608007.9	4445.64427	0.00205	0.40747	2.63500E-06	0.00206
492044.76	3608018.04	6426.81543	0.00297	0.49104	3.17542E-06	0.00297
492048.45	3608001.45	5605.04851	0.00259	0.42857	2.77144E-06	0.00259
491999.6	3607989.47	4066.56556	0.00188	0.35545	2.29860E-06	0.00188
492038.31	3608171.95	30870.0028	0.01426	1.63629	1.05814E-05	0.01427
492047.53	3608155.36	26046.82328	0.01203	1.43556	9.28337E-06	0.01204
492086.23	3608187.61	34800.01113	0.01608	1.48031	9.57276E-06	0.01608
492095.45	3608171.03	29921.10786	0.01382	1.33609	8.64013E-06	0.01383
492053.98	3608123.1	18782.21306	0.00868	1.13753	7.35609E-06	0.00868
492109.27	3608145.22	23826.16581	0.01101	1.13313	7.32764E-06	0.01101
492058.59	3608100.06	14968.14869	0.00691	0.95426	6.17094E-06	0.00692
492123.1	3608113.89	18276.37331	0.00844	0.92760	5.99853E-06	0.00845
492135.08	3608094.53	15629.64783	0.00722	0.81189	5.25027E-06	0.00723
492076.1	3608065.04	11034.36032	0.00510	0.72072	4.66070E-06	0.00510
492085.31	3608030.02	8189.43118	0.00378	0.55127	3.56491E-06	0.00379
492139.69	3608065.96	12391.12724	0.00572	0.68060	4.40125E-06	0.00573
492139.69	3608212.5	37320.35401	0.01724	1.27558	8.24883E-06	0.01725
492183.92	3608227.24	35481.27135	0.01639	1.08028	6.98587E-06	0.01640
492143.37	3608192.22	32542.94347	0.01503	1.20370	7.78400E-06	0.01504

492194.98	3608204.2	30785.83068	0.01422	1.01145	6.54077E-06	0.01423
492203.28	3608183.01	27032.74153	0.01249	0.94695	6.12367E-06	0.01249
492151.67	3608153.52	24592.58173	0.01136	1.03352	6.68349E-06	0.01137
492197.75	3608162.73	24382.24963	0.01126	0.91938	5.94538E-06	0.01127
492159.04	3608135.08	21371.48879	0.00987	0.93915	6.07323E-06	0.00988
492164.57	3608118.49	18861.03342	0.00871	0.86053	5.56481E-06	0.00872
492219.86	3608141.53	20767.73595	0.00959	0.80792	5.22460E-06	0.00960
492223.55	3608114.81	17605.82478	0.00813	0.73113	4.72802E-06	0.00814
492231.84	3608098.22	15772.55758	0.00729	0.67306	4.35249E-06	0.00729
492170.1	3608097.3	16098.24566	0.00744	0.76825	4.96806E-06	0.00744
492180.24	3608077.94	13955.35376	0.00645	0.68315	4.41774E-06	0.00645
492183.92	3608055.83	11864.67278	0.00548	0.60414	3.90681E-06	0.00548
492218.94	3608068.73	13103.09219	0.00605	0.60903	3.93843E-06	0.00606
492246.59	3608230.01	29459.61125	0.01361	0.84615	5.47182E-06	0.01361
492239.22	3608207.89	27744.96499	0.01282	0.86205	5.57464E-06	0.01282
492241.98	3608194.07	25986.19077	0.01200	0.84196	5.44472E-06	0.01201
492246.59	3608176.56	23745.69812	0.01097	0.80800	5.22511E-06	0.01097
492257.65	3608163.65	21811.33647	0.01008	0.76159	4.92499E-06	0.01008
492261.34	3608145.22	19794.15036	0.00914	0.72336	4.67777E-06	0.00915
492266.87	3608124.02	17592.10804	0.00813	0.67343	4.35489E-06	0.00813
492272.39	3608108.36	16065.59041	0.00742	0.63341	4.09609E-06	0.00743
492277.92	3608094.53	14809.70621	0.00684	0.59758	3.86439E-06	0.00685
492285.3	3608081.63	13701.00363	0.00633	0.56237	3.63669E-06	0.00633
491685.34	3608168.26	1905.1755	0.00088	0.95379	6.16790E-06	0.00089
491689.95	3608145.22	1616.14261	0.00075	0.68053	4.40080E-06	0.00075
491694.56	3608131.4	1490.70102	0.00069	0.57313	3.70627E-06	0.00069
491698.24	3608118.49	1381.51988	0.00064	0.49193	3.18118E-06	0.00064
491701.01	3608105.59	1277.01571	0.00059	0.42458	2.74564E-06	0.00059
491703.77	3608093.61	1191.86472	0.00055	0.37342	2.41480E-06	0.00055
491707.46	3608079.79	1107.7138	0.00051	0.32522	2.10311E-06	0.00051
491713.91	3608070.57	1083.94065	0.00050	0.30182	1.95179E-06	0.00050
491715.75	3608058.59	1012.41747	0.00047	0.26913	1.74039E-06	0.00047
491720.36	3608046.61	964.20218	0.00045	0.24322	1.57284E-06	0.00045
491732.34	3608014.36	849.87505	0.00039	0.18861	1.21969E-06	0.00039
491735.11	3608002.37	804.64468	0.00037	0.17194	1.11189E-06	0.00037
491735.11	3607991.32	754.55705	0.00035	0.15735	1.01754E-06	0.00035
491744.32	3607980.26	748.06203	0.00035	0.14774	9.55394E-07	0.00035
491747.09	3607967.35	707.05832	0.00033	0.13494	8.72620E-07	0.00033
491755.38	3607954.45	690.7191	0.00032	0.12526	8.10022E-07	0.00032
491759.07	3607939.71	651.23376	0.00030	0.11385	7.36237E-07	0.00030
491636.5	3608156.28	1317.55011	0.00061	0.61405	3.97089E-06	0.00061
491618.06	3608148.91	1155.56399	0.00053	0.50736	3.28096E-06	0.00054
491598.71	3608143.38	1035.22776	0.00048	0.42946	2.77720E-06	0.00048
491579.36	3608134.16	915.03025	0.00042	0.35221	2.27765E-06	0.00042
491565.53	3608132.32	865.75646	0.00040	0.32156	2.07944E-06	0.00040
491548.94	3608123.1	781.22765	0.00036	0.27180	1.75766E-06	0.00036
491654.01	3608119.42	1093.05063	0.00050	0.41940	2.71214E-06	0.00051
491663.22	3608133.24	1261.55124	0.00058	0.51410	3.32454E-06	0.00059
491657.69	3608106.51	1016.55434	0.00047	0.36746	2.37626E-06	0.00047
491663.22	3608094.53	961.6658	0.00044	0.32912	2.12833E-06	0.00045
491674.28	3608094.53	1013.91396	0.00047	0.34110	2.20580E-06	0.00047
491681.65	3608086.24	996.05117	0.00046	0.31991	2.06877E-06	0.00046
491686.26	3608072.42	932.10878	0.00043	0.28186	1.82271E-06	0.00043
491663.22	3608078.87	868.71747	0.00040	0.28068	1.81508E-06	0.00040
491671.52	3608072.42	865.98489	0.00040	0.27000	1.74602E-06	0.00040
491676.12	3608058.59	812.08348	0.00038	0.23991	1.55143E-06	0.00038
491678.89	3608048.45	773.86256	0.00036	0.22037	1.42507E-06	0.00036
491690.87	3608053.98	850.17689	0.00039	0.23929	1.54742E-06	0.00039
491695.48	3608035.55	779.20615	0.00036	0.20522	1.32710E-06	0.00036
491701.93	3608024.49	755.88226	0.00035	0.18973	1.22693E-06	0.00035

491624.52	3608121.26	982.59795	0.00045	0.38106	2.46421E-06	0.00046
491615.3	3608116.65	923.03046	0.00043	0.34920	2.25818E-06	0.00043
491603.32	3608112.97	867.25904	0.00040	0.31999	2.06929E-06	0.00040
491590.42	3608107.44	806.51646	0.00037	0.28739	1.85847E-06	0.00037
491582.12	3608104.67	774.91834	0.00036	0.27053	1.74944E-06	0.00036
491567.38	3608101.91	732.68088	0.00034	0.24793	1.60330E-06	0.00034
491553.55	3608094.53	678.74608	0.00031	0.21986	1.42177E-06	0.00031
491560	3608079.79	637.30235	0.00029	0.20076	1.29826E-06	0.00030
491571.98	3608083.47	669.156	0.00031	0.21644	1.39966E-06	0.00031
491585.81	3608088.08	711.15424	0.00033	0.23709	1.53320E-06	0.00033
491599.63	3608094.53	766.78998	0.00035	0.26452	1.71058E-06	0.00036
491614.38	3608097.3	814.843	0.00038	0.28675	1.85433E-06	0.00038
491626.36	3608102.83	877.45895	0.00041	0.31637	2.04588E-06	0.00041
491630.97	3608077.94	763.464	0.00035	0.25250	1.63285E-06	0.00035
491613.46	3608071.49	696.20751	0.00032	0.22558	1.45876E-06	0.00032
491635.57	3608062.28	706.00578	0.00033	0.22214	1.43652E-06	0.00033
491647.56	3608065.04	748.59786	0.00035	0.23548	1.52278E-06	0.00035
491568.3	3608046.61	544.90445	0.00025	0.16037	1.03707E-06	0.00025
491556.32	3608038.32	510.16707	0.00024	0.14559	9.41491E-07	0.00024
491572.91	3608032.79	512.18472	0.00024	0.14698	9.50479E-07	0.00024
491594.1	3608048.45	581.94028	0.00027	0.17577	1.13666E-06	0.00027
491589.49	3608035.55	537.61888	0.00025	0.15714	1.01618E-06	0.00025
491608.85	3608039.24	573.67335	0.00027	0.17041	1.10199E-06	0.00027
491612.53	3608025.41	537.6352	0.00025	0.15465	1.00008E-06	0.00025
491625.44	3608040.16	603.03153	0.00028	0.17932	1.15961E-06	0.00028
491636.5	3608029.1	586.7769	0.00027	0.16872	1.09107E-06	0.00027
491654.01	3608027.26	616.81819	0.00028	0.17328	1.12055E-06	0.00029
491643.87	3608011.59	547.07422	0.00025	0.14986	9.69103E-07	0.00025
491667.83	3608015.28	609.90493	0.00028	0.16255	1.05117E-06	0.00028
491689.03	3607995	601.27188	0.00028	0.14560	9.41555E-07	0.00028
491681.65	3607976.57	528.80566	0.00024	0.12538	8.10798E-07	0.00025
491704.69	3607986.71	621.67149	0.00029	0.14150	9.15042E-07	0.00029
491713.91	3607971.96	603.37593	0.00028	0.12953	8.37635E-07	0.00028
491725.89	3607958.14	598.23444	0.00028	0.12042	7.78723E-07	0.00028
491711.15	3607949.84	531.94139	0.00025	0.11043	7.14120E-07	0.00025
491729.58	3607943.39	565.80717	0.00026	0.10966	7.09141E-07	0.00026
491714.83	3607935.1	504.2339	0.00023	0.10089	6.52428E-07	0.00023
491724.97	3607923.12	500.55027	0.00023	0.09521	6.15697E-07	0.00023
491737.87	3607928.65	548.86938	0.00025	0.10112	6.53915E-07	0.00025
491735.11	3607910.22	495.12574	0.00023	0.08948	5.78643E-07	0.00023
491558.16	3608010.67	446.76664	0.00021	0.12114	7.83379E-07	0.00021
491579.36	3607998.69	437.37975	0.00020	0.11796	7.62815E-07	0.00020
491595.95	3608003.3	462.03995	0.00021	0.12660	8.18687E-07	0.00021
491613.46	3607995.92	463.12885	0.00021	0.12513	8.09181E-07	0.00021
491599.63	3607983.94	423.43448	0.00020	0.11194	7.23885E-07	0.00020
491623.59	3607979.33	437.88119	0.00020	0.11409	7.37789E-07	0.00020
491640.18	3607983.02	467.47351	0.00022	0.12094	7.82086E-07	0.00022
491660.46	3607968.28	466.12239	0.00022	0.11369	7.35202E-07	0.00022
491659.54	3607951.69	429.57667	0.00020	0.10173	6.57860E-07	0.00020
491677.05	3607950.77	457.63343	0.00021	0.10432	6.74609E-07	0.00021
491682.58	3607937.86	441.04738	0.00020	0.09695	6.26949E-07	0.00020
491670.6	3607928.65	403.26628	0.00019	0.08970	5.80065E-07	0.00019
491694.56	3607921.27	430.62047	0.00020	0.08923	5.77026E-07	0.00020
491682.58	3607913.9	396.2858	0.00018	0.08368	5.41136E-07	0.00018
491682.58	3607901.92	376.39613	0.00017	0.07800	5.04405E-07	0.00017
491705.62	3607902.84	416.61693	0.00019	0.08134	5.26003E-07	0.00019
491561.62	3607964.09	361.52381	0.00017	0.09104	5.88731E-07	0.00017
491578.12	3607959.66	363.39121	0.00017	0.09175	5.93322E-07	0.00017
491573.42	3607943.99	336.42249	0.00016	0.08283	5.35639E-07	0.00016
491600.84	3607959.66	378.65901	0.00017	0.09601	6.20870E-07	0.00018

491591.44	3607944.77	347.74317	0.00016	0.08613	5.56979E-07	0.00016
491603.97	3607934.59	340.58815	0.00016	0.08299	5.36674E-07	0.00016
491615.72	3607947.91	370.81638	0.00017	0.09183	5.93839E-07	0.00017
491636.09	3607933.02	366.04732	0.00017	0.08695	5.62282E-07	0.00017
491625.12	3607917.35	332.03167	0.00015	0.07785	5.03435E-07	0.00015
491644.71	3607918.92	353.35695	0.00016	0.08111	5.24516E-07	0.00016
491642.36	3607896.99	320.10969	0.00015	0.07132	4.61207E-07	0.00015
491658.03	3607905.6	348.86545	0.00016	0.07669	4.95933E-07	0.00016
491665.08	3607887.59	331.99941	0.00015	0.07005	4.52994E-07	0.00015
491647.06	3607883.67	307.77096	0.00014	0.06677	4.31783E-07	0.00014
491564.8	3607922.84	303.4827	0.00014	0.07232	4.67674E-07	0.00014
491587.52	3607913.44	301.75849	0.00014	0.07149	4.62306E-07	0.00014
491573.42	3607903.25	283.1073	0.00013	0.06604	4.27063E-07	0.00013
491607.11	3607896.2	291.63159	0.00013	0.06721	4.34629E-07	0.00014
491603.97	3607878.97	270.49998	0.00012	0.06106	3.94858E-07	0.00013
491621.99	3607877.4	279.96461	0.00013	0.06223	4.02424E-07	0.00013
491892.25	3607962.79	1729.53705	0.00080	0.20211	1.30699E-06	0.00080
491943.96	3607975.32	2655.68093	0.00123	0.26865	1.73729E-06	0.00123
491586.79	3608712.31	8409.91149	0.00388	0.25537	1.65141E-06	0.00389
491579.14	3608732.72	7291.76171	0.00337	0.22345	1.44499E-06	0.00337
491579.14	3608751.86	6533.0195	0.00302	0.19896	1.28662E-06	0.00302
491563.83	3608778.64	5465.98803	0.00252	0.17032	1.10141E-06	0.00253
491558.73	3608797.78	4905.57279	0.00227	0.15360	9.93289E-07	0.00227
491545.97	3608824.57	4212.34249	0.00195	0.13396	8.66283E-07	0.00195
491543.42	3608838.6	3929.01444	0.00181	0.12516	8.09375E-07	0.00182
491534.49	3608869.21	3382.56676	0.00156	0.10868	7.02804E-07	0.00156
491635.26	3608725.07	8556.303	0.00395	0.23968	1.54994E-06	0.00395
491665.88	3608731.45	8360.83188	0.00386	0.23355	1.51030E-06	0.00386
491654.4	3608756.96	6906.22993	0.00319	0.19926	1.28856E-06	0.00319
491627.61	3608748.03	7224.74672	0.00334	0.20756	1.34223E-06	0.00334
491621.23	3608764.61	6439.38955	0.00297	0.18774	1.21406E-06	0.00298
491651.85	3608772.27	6214.64483	0.00287	0.18240	1.17953E-06	0.00287
491635.26	3608823.29	4517.60807	0.00209	0.13801	8.92473E-07	0.00209
491608.48	3608810.54	4835.62481	0.00223	0.14544	9.40521E-07	0.00223
491603.37	3608829.67	4336.69451	0.00200	0.13187	8.52767E-07	0.00200
491627.61	3608838.6	4143.13594	0.00191	0.12751	8.24572E-07	0.00191
491622.51	3608866.66	3564.66602	0.00165	0.11155	7.21363E-07	0.00165
491590.62	3608859.01	3701.20145	0.00171	0.11431	7.39211E-07	0.00171
491586.79	3608875.59	3404.77827	0.00157	0.10597	6.85279E-07	0.00157
491617.41	3608884.52	3257.20091	0.00150	0.10280	6.64779E-07	0.00151
491707.97	3608753.13	7153.25801	0.00330	0.20753	1.34204E-06	0.00331
491702.87	3608768.44	6396.431	0.00295	0.18982	1.22751E-06	0.00296
491696.49	3608791.4	5468.59705	0.00253	0.16695	1.07962E-06	0.00253
491688.84	3608805.43	4998.74356	0.00231	0.15457	9.99562E-07	0.00231
491683.74	3608834.77	4189.63762	0.00194	0.13298	8.59945E-07	0.00194
491674.81	3608851.36	3820.01121	0.00176	0.12236	7.91269E-07	0.00177
491669.71	3608874.32	3379.43532	0.00156	0.10986	7.10434E-07	0.00156
491667.15	3608903.66	2914.7126	0.00135	0.09656	6.24427E-07	0.00135
491741.14	3608758.23	6978.56924	0.00322	0.20192	1.30576E-06	0.00322
491733.49	3608772.27	6281.67673	0.00290	0.18683	1.20818E-06	0.00290
491727.11	3608797.78	5275.56965	0.00244	0.16283	1.05298E-06	0.00244
491720.73	3608809.26	4893.44238	0.00226	0.15316	9.90444E-07	0.00226
491711.8	3608833.5	4219.16689	0.00195	0.13521	8.74366E-07	0.00195
491706.7	3608855.18	3729.43269	0.00172	0.12169	7.86936E-07	0.00172
491701.6	3608871.77	3409.51209	0.00157	0.11253	7.27701E-07	0.00158
491699.05	3608899.83	2955.05305	0.00137	0.09935	6.42469E-07	0.00137
491778.13	3608770.99	6583.73997	0.00304	0.18625	1.20443E-06	0.00304
491773.03	3608791.4	5700.1801	0.00263	0.16812	1.08719E-06	0.00263
491762.83	3608811.81	4952.10555	0.00229	0.15217	9.84042E-07	0.00229
491760.28	3608828.39	4468.7311	0.00206	0.14044	9.08187E-07	0.00207

491755.17	3608851.36	3900.00547	0.00180	0.12606	8.15195E-07	0.00180
491747.52	3608869.21	3518.43567	0.00163	0.11604	7.50399E-07	0.00163
491738.59	3608884.52	3229.67762	0.00149	0.10809	6.98988E-07	0.00149

Moss Street

2020 **Tier III mitigation** **at Sensitive Receptors**

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)
491856.94	3608423.76	631633.5918	0.29825	2.71215	3.06021E-05	0.29828
491770.82	3608296.56	83768.45212	0.03955	40.63129	4.58456E-04	0.04001
491786.69	3608300.4	169029.1196	0.07981	37.16311	4.19323E-04	0.08023
491777.07	3608270.58	37629.84601	0.01777	18.63654	2.10282E-04	0.01798
491794.39	3608275.87	71537.09153	0.03378	18.30192	2.06507E-04	0.03399
491789.88	3608254.44	30952.91267	0.01462	11.83867	1.33580E-04	0.01475
491793.88	3608239.79	22440.86907	0.01060	8.50172	9.59277E-05	0.01069
491796.54	3608225.81	16889.37505	0.00797	6.29229	7.09980E-05	0.00805
491799.2	3608213.16	13520.08898	0.00638	4.82803	5.44762E-05	0.00644
491804.53	3608198.51	11109.97723	0.00525	3.60052	4.06258E-05	0.00529
491835.16	3608317.03	396533.5888	0.18724	17.47807	1.97211E-04	0.18743
491837.82	3608303.71	271820.1418	0.12835	16.36569	1.84659E-04	0.12853
491843.81	3608287.73	172647.9047	0.08152	13.10984	1.47923E-04	0.08167
491851.14	3608274.41	123009.1203	0.05808	10.45869	1.18009E-04	0.05820
491863.07	3608247.22	66875.79104	0.03158	6.89013	7.77436E-05	0.03166
491867.68	3608231.55	48552.36905	0.02293	5.50992	6.21702E-05	0.02299
491875.05	3608218.65	39141.4192	0.01848	4.51933	5.09931E-05	0.01853
491878.74	3608195.61	25762.88386	0.01216	3.29514	3.71801E-05	0.01220
491885.19	3608177.18	19590.4194	0.00925	2.54421	2.87071E-05	0.00928
491807.78	3608183.63	8991.73281	0.00425	2.70752	3.05498E-05	0.00428
491812.39	3608167.97	7461.70142	0.00352	2.04387	2.30616E-05	0.00355
491819.76	3608146.77	6015.00085	0.00284	1.44327	1.62849E-05	0.00286
491840.03	3608155.06	8586.85941	0.00405	1.76573	1.99233E-05	0.00407
491868.6	3608170.73	15061.64567	0.00711	2.33746	2.63743E-05	0.00714
491865.26	3608414.36	589528.9513	0.27837	2.83789	3.20208E-05	0.27840
491867.52	3608403.04	603276.5021	0.28486	3.15933	3.56477E-05	0.28489
491872.05	3608392.29	591456.4074	0.27928	3.45016	3.89293E-05	0.27931
491874.88	3608377.58	597304.6585	0.28204	4.03201	4.54945E-05	0.28208
491886.76	3608431.91	388718.8886	0.18355	2.05662	2.32055E-05	0.18357
491890.73	3608422.29	390103.9893	0.18420	2.21408	2.49822E-05	0.18423
491896.39	3608409.84	385911.6877	0.18222	2.42670	2.73812E-05	0.18225
491900.35	3608397.38	386378.606	0.18244	2.69290	3.03849E-05	0.18247
491903.74	3608384.93	384883.2425	0.18174	3.01035	3.39668E-05	0.18177
491912.8	3608444.92	257671.8221	0.12167	1.56146	1.76185E-05	0.12169
491917.89	3608432.47	263360.5712	0.12435	1.71251	1.93228E-05	0.12437

491921.29	3608418.89	272794.7326	0.12881	1.91468	2.16040E-05	0.12883
491926.95	3608408.14	268804.5308	0.12693	2.05708	2.32107E-05	0.12695
491930.91	3608396.25	268530.5384	0.12680	2.25717	2.54684E-05	0.12682
491950.72	3608425.12	194646.6309	0.09191	1.54420	1.74237E-05	0.09193
491954.11	3608416.06	196618.6307	0.09284	1.64752	1.85895E-05	0.09286
491959.21	3608404.74	195737.5449	0.09242	1.77690	2.00493E-05	0.09244
491984.11	3608467.56	110109.8527	0.05199	0.91756	1.03531E-05	0.05200
491987.5	3608453.98	118307.1477	0.05586	1.01343	1.14349E-05	0.05587
491993.16	3608442.66	121481.4834	0.05736	1.08708	1.22659E-05	0.05737
491998.26	3608432.47	123421.6186	0.05828	1.15656	1.30498E-05	0.05829
492002.22	3608421.15	126246.5201	0.05961	1.24684	1.40685E-05	0.05963
492012.41	3608475.49	83621.49564	0.03948	0.77086	8.69786E-06	0.03949
492015.24	3608463.6	89538.12932	0.04228	0.83799	9.45531E-06	0.04229
492020.9	3608451.15	93343.85437	0.04408	0.90443	1.02050E-05	0.04409
492024.29	3608441.53	96373.73261	0.04551	0.96222	1.08570E-05	0.04552
492028.25	3608428.51	100102.7559	0.04727	1.04776	1.18222E-05	0.04728
492037.31	3608486.24	64997.07485	0.03069	0.64922	7.32536E-06	0.03070
492042.4	3608472.09	70003.93619	0.03305	0.70953	8.00586E-06	0.03306
492046.36	3608461.34	73396.40947	0.03466	0.75843	8.55761E-06	0.03467
492050.89	3608450.58	76111.04301	0.03594	0.80837	9.12110E-06	0.03595
492055.42	3608440.4	78120.56521	0.03689	0.85687	9.66834E-06	0.03690
492065.61	3608493.6	51730.61634	0.02443	0.56015	6.32035E-06	0.02443
492069	3608481.15	55673.63012	0.02629	0.60579	6.83533E-06	0.02630
492075.23	3608469.26	58198.33458	0.02748	0.64600	7.28903E-06	0.02749
492078.06	3608457.38	61580.37877	0.02908	0.69626	7.85613E-06	0.02909
492082.59	3608446.62	63614.62687	0.03004	0.73928	8.34154E-06	0.03005
491873.18	3608334.56	510026.4393	0.24083	7.44433	8.39968E-05	0.24091
491929.78	3608349.84	275582.9614	0.13013	3.59829	4.06007E-05	0.13017
491879.97	3608317.02	336657.7205	0.15896	7.99283	9.01857E-05	0.15905
491893.22	3608305.33	244539.0944	0.11547	7.09578	8.00640E-05	0.11555
491889.89	3608289.35	180966.3293	0.08545	7.41382	8.36525E-05	0.08553
491907.21	3608277.37	138377.9598	0.06534	6.01035	6.78167E-05	0.06541
491909.87	3608246.74	79154.74331	0.03738	4.98056	5.61973E-05	0.03743
491914.53	3608232.76	62103.64315	0.02932	4.32670	4.88196E-05	0.02937
491920.52	3608219.44	50060.99609	0.02364	3.72852	4.20701E-05	0.02368
491923.85	3608203.46	38703.0525	0.01827	3.15801	3.56329E-05	0.01831
491922.52	3608187.48	29639.67512	0.01400	2.68938	3.03451E-05	0.01403
491933.84	3608176.16	26152.75972	0.01235	2.31799	2.61546E-05	0.01238
491936.5	3608332.63	234523.5732	0.11074	3.92068	4.42383E-05	0.11078
491945.82	3608306.66	173169.8634	0.08177	4.13765	4.66865E-05	0.08181
491948.49	3608292.02	145064.0697	0.06850	4.17470	4.71045E-05	0.06854
491954.48	3608266.71	103224.5835	0.04874	3.92112	4.42433E-05	0.04879
491965.8	3608249.4	80108.96105	0.03783	3.44176	3.88345E-05	0.03786
491959.81	3608230.76	62686.59318	0.02960	3.27610	3.69653E-05	0.02964

491973.12	3608219.44	53627.38352	0.02532	2.85414	3.22042E-05	0.02535
491965.13	3608198.8	40196.10183	0.01898	2.57399	2.90432E-05	0.01901
491987.11	3608190.14	36888.98902	0.01742	2.21423	2.49839E-05	0.01744
491975.79	3608366.59	178873.4984	0.08446	2.25235	2.54140E-05	0.08449
491980.45	3608353.27	169371.4764	0.07997	2.42270	2.73361E-05	0.08000
491988.44	3608337.29	152041.2074	0.07179	2.55377	2.88150E-05	0.07182
491991.77	3608319.32	136973.1522	0.06468	2.73973	3.09133E-05	0.06471
492001.09	3608294.68	110325.6905	0.05209	2.77387	3.12985E-05	0.05213
492006.41	3608282.03	97363.99563	0.04597	2.72184	3.07114E-05	0.04600
492013.07	3608266.05	82663.1572	0.03903	2.61058	2.94560E-05	0.03906
492013.07	3608251.4	72289.32148	0.03413	2.56586	2.89514E-05	0.03416
492028.39	3608241.41	62887.85268	0.02969	2.30116	2.59647E-05	0.02972
492019.07	3608222.77	53476.99655	0.02525	2.28757	2.58114E-05	0.02528
492045.7	3608210.78	45452.49661	0.02146	1.92083	2.16733E-05	0.02148
492031.05	3608385.23	112727.5006	0.05323	1.43445	1.61854E-05	0.05324
492035.71	3608369.92	110781.352	0.05231	1.55699	1.75680E-05	0.05233
492027.06	3608353.27	117475.215	0.05547	1.81736	2.05059E-05	0.05549
492046.36	3608339.96	100944.5021	0.04766	1.75203	1.97687E-05	0.04768
492040.37	3608324.64	101087.0358	0.04773	1.94963	2.19983E-05	0.04775
492057.02	3608313.32	87983.27103	0.04154	1.84423	2.08090E-05	0.04157
492055.69	3608297.34	82983.20924	0.03918	1.94539	2.19505E-05	0.03921
492059.02	3608282.03	75410.62761	0.03561	1.96082	2.21246E-05	0.03563
492069.67	3608270.04	67070.83152	0.03167	1.86581	2.10525E-05	0.03169
492061.68	3608253.4	62148.13063	0.02935	1.94735	2.19726E-05	0.02937
492078.32	3608241.41	53934.29894	0.02547	1.76457	1.99102E-05	0.02549
492079.66	3608226.76	48297.83936	0.02281	1.71233	1.93208E-05	0.02282
492069.51	3608395.3	84466.80709	0.03988	1.11315	1.25600E-05	0.03990
492076.17	3608375.99	83704.79149	0.03952	1.22143	1.37818E-05	0.03954
492085.49	3608364.01	79670.90896	0.03762	1.25216	1.41285E-05	0.03763
492102.14	3608406.62	66659.39687	0.03148	0.89809	1.01334E-05	0.03149
492129.44	3608410.61	56135.98193	0.02651	0.78540	8.86192E-06	0.02652
492095.48	3608352.69	75074.61459	0.03545	1.26584	1.42829E-05	0.03546
492094.15	3608336.04	74769.00478	0.03530	1.37757	1.55436E-05	0.03532
492135.43	3608348.69	59822.0277	0.02825	1.06697	1.20390E-05	0.02826
492101.47	3608312.74	68685.98252	0.03243	1.44695	1.63264E-05	0.03245
492120.78	3608244.15	47515.56367	0.02244	1.43698	1.62139E-05	0.02245
492106.8	3608297.42	63920.32042	0.03018	1.46755	1.65588E-05	0.03020
492168.06	3608256.14	42321.71042	0.01998	1.15696	1.30544E-05	0.02000
491832.47	3608106.99	4180.27461	0.00197	0.82048	9.25774E-06	0.00198
491853.78	3608116.31	5792.22388	0.00273	1.01929	1.15010E-05	0.00275
491874.42	3608123.64	7782.89246	0.00367	1.19844	1.35224E-05	0.00369
491899.72	3608128.96	10460.46231	0.00494	1.34443	1.51696E-05	0.00495
491836.47	3608093.01	3710.77936	0.00175	0.68642	7.74510E-06	0.00176
491877.09	3608106.33	6350.14878	0.00300	0.95334	1.07568E-05	0.00301

491905.05	3608118.98	9510.661	0.00449	1.19114	1.34400E-05	0.00450
491907.71	3608101.66	7734.16153	0.00365	0.96262	1.08616E-05	0.00366
491883.74	3608091.01	5569.59303	0.00263	0.79462	8.96596E-06	0.00264
491848.45	3608065.04	3079.74148	0.00145	0.50327	5.67856E-06	0.00146
491853.12	3608053.06	2845.00857	0.00134	0.44410	5.01092E-06	0.00135
491873.09	3608063.05	3716.66742	0.00175	0.54139	6.10868E-06	0.00176
491909.71	3608072.37	5512.02895	0.00260	0.67690	7.63768E-06	0.00261
491921.03	3608059.05	5157.77157	0.00244	0.59639	6.72926E-06	0.00244
491925.69	3608040.41	4365.67123	0.00206	0.49036	5.53289E-06	0.00207
491856.44	3608031.75	2391.11038	0.00113	0.35189	3.97049E-06	0.00113
491867.1	3608010.44	2147.01462	0.00101	0.29200	3.29473E-06	0.00102
491875.09	3607976.49	1718.34971	0.00081	0.21562	2.43291E-06	0.00081
491918.37	3607991.8	2607.50294	0.00123	0.28963	3.26799E-06	0.00123
491945	3608000.46	3347.42556	0.00158	0.34252	3.86476E-06	0.00158
491935.09	3608141.53	15811.72963	0.00747	1.58326	1.78644E-05	0.00748
491960.9	3608152.59	20885.93528	0.00986	1.72935	1.95128E-05	0.00988
491988.54	3608164.57	26680.53337	0.01260	1.81216	2.04472E-05	0.01262
491946.15	3608114.81	11726.3336	0.00554	1.17209	1.32251E-05	0.00555
491988.54	3608129.55	17191.33706	0.00812	1.33436	1.50560E-05	0.00813
492018.04	3608107.44	14609.94337	0.00690	1.06121	1.19740E-05	0.00691
491955.37	3608089	8955.75981	0.00423	0.88806	1.00203E-05	0.00424
491963.66	3608059.51	6685.43509	0.00316	0.65486	7.38900E-06	0.00316
491984.86	3608059.51	7477.34499	0.00353	0.67462	7.61196E-06	0.00354
492031.86	3608066.89	9871.96109	0.00466	0.74218	8.37426E-06	0.00467
492020.8	3608040.16	7216.79234	0.00341	0.58284	6.57637E-06	0.00341
491977.49	3608027.26	5172.79373	0.00244	0.48467	5.46869E-06	0.00245
491983.94	3608007.9	4445.64427	0.00210	0.40747	4.59762E-06	0.00210
492044.76	3608018.04	6426.81543	0.00303	0.49104	5.54056E-06	0.00304
492048.45	3608001.45	5605.04851	0.00265	0.42857	4.83569E-06	0.00265
491999.6	3607989.47	4066.56556	0.00192	0.35545	4.01066E-06	0.00192
492038.31	3608171.95	30870.0028	0.01458	1.63629	1.84628E-05	0.01459
492047.53	3608155.36	26046.82328	0.01230	1.43556	1.61979E-05	0.01232
492086.23	3608187.61	34800.01113	0.01643	1.48031	1.67028E-05	0.01645
492095.45	3608171.03	29921.10786	0.01413	1.33609	1.50755E-05	0.01414
492053.98	3608123.1	18782.21306	0.00887	1.13753	1.28351E-05	0.00888
492109.27	3608145.22	23826.16581	0.01125	1.13313	1.27855E-05	0.01126
492058.59	3608100.06	14968.14869	0.00707	0.95426	1.07672E-05	0.00708
492123.1	3608113.89	18276.37331	0.00863	0.92760	1.04664E-05	0.00864
492135.08	3608094.53	15629.64783	0.00738	0.81189	9.16082E-06	0.00739
492076.1	3608065.04	11034.36032	0.00521	0.72072	8.13212E-06	0.00522
492085.31	3608030.02	8189.43118	0.00387	0.55127	6.22016E-06	0.00387
492139.69	3608065.96	12391.12724	0.00585	0.68060	7.67943E-06	0.00586
492139.69	3608212.5	37320.35401	0.01762	1.27558	1.43928E-05	0.01764
492183.92	3608227.24	35481.27135	0.01675	1.08028	1.21892E-05	0.01677

492143.37	3608192.22	32542.94347	0.01537	1.20370	1.35817E-05	0.01538
492194.98	3608204.2	30785.83068	0.01454	1.01145	1.14125E-05	0.01455
492203.28	3608183.01	27032.74153	0.01276	0.94695	1.06847E-05	0.01278
492151.67	3608153.52	24592.58173	0.01161	1.03352	1.16615E-05	0.01162
492197.75	3608162.73	24382.24963	0.01151	0.91938	1.03737E-05	0.01152
492159.04	3608135.08	21371.48879	0.01009	0.93915	1.05967E-05	0.01010
492164.57	3608118.49	18861.03342	0.00891	0.86053	9.70964E-06	0.00892
492219.86	3608141.53	20767.73595	0.00981	0.80792	9.11602E-06	0.00982
492223.55	3608114.81	17605.82478	0.00831	0.73113	8.24958E-06	0.00832
492231.84	3608098.22	15772.55758	0.00745	0.67306	7.59435E-06	0.00746
492170.1	3608097.3	16098.24566	0.00760	0.76825	8.66841E-06	0.00761
492180.24	3608077.94	13955.35376	0.00659	0.68315	7.70820E-06	0.00660
492183.92	3608055.83	11864.67278	0.00560	0.60414	6.81671E-06	0.00561
492218.94	3608068.73	13103.09219	0.00619	0.60903	6.87188E-06	0.00619
492246.59	3608230.01	29459.61125	0.01391	0.84615	9.54739E-06	0.01392
492239.22	3608207.89	27744.96499	0.01310	0.86205	9.72679E-06	0.01311
492241.98	3608194.07	25986.19077	0.01227	0.84196	9.50011E-06	0.01228
492246.59	3608176.56	23745.69812	0.01121	0.80800	9.11693E-06	0.01122
492257.65	3608163.65	21811.33647	0.01030	0.76159	8.59327E-06	0.01031
492261.34	3608145.22	19794.15036	0.00935	0.72336	8.16191E-06	0.00935
492266.87	3608124.02	17592.10804	0.00831	0.67343	7.59853E-06	0.00831
492272.39	3608108.36	16065.59041	0.00759	0.63341	7.14697E-06	0.00759
492277.92	3608094.53	14809.70621	0.00699	0.59758	6.74269E-06	0.00700
492285.3	3608081.63	13701.00363	0.00647	0.56237	6.34540E-06	0.00648
491685.34	3608168.26	1905.1755	0.00090	0.95379	1.07619E-05	0.00091
491689.95	3608145.22	1616.14261	0.00076	0.68053	7.67864E-06	0.00077
491694.56	3608131.4	1490.70102	0.00070	0.57313	6.46681E-06	0.00071
491698.24	3608118.49	1381.51988	0.00065	0.49193	5.55061E-06	0.00066
491701.01	3608105.59	1277.01571	0.00060	0.42458	4.79067E-06	0.00061
491703.77	3608093.61	1191.86472	0.00056	0.37342	4.21342E-06	0.00057
491707.46	3608079.79	1107.7138	0.00052	0.32522	3.66956E-06	0.00053
491713.91	3608070.57	1083.94065	0.00051	0.30182	3.40553E-06	0.00052
491715.75	3608058.59	1012.41747	0.00048	0.26913	3.03668E-06	0.00048
491720.36	3608046.61	964.20218	0.00046	0.24322	2.74433E-06	0.00046
491732.34	3608014.36	849.87505	0.00040	0.18861	2.12815E-06	0.00040
491735.11	3608002.37	804.64468	0.00038	0.17194	1.94005E-06	0.00038
491735.11	3607991.32	754.55705	0.00036	0.15735	1.77543E-06	0.00036
491744.32	3607980.26	748.06203	0.00035	0.14774	1.66700E-06	0.00035
491747.09	3607967.35	707.05832	0.00033	0.13494	1.52257E-06	0.00034
491755.38	3607954.45	690.7191	0.00033	0.12526	1.41335E-06	0.00033
491759.07	3607939.71	651.23376	0.00031	0.11385	1.28461E-06	0.00031
491636.5	3608156.28	1317.55011	0.00062	0.61405	6.92853E-06	0.00063
491618.06	3608148.91	1155.56399	0.00055	0.50736	5.72471E-06	0.00055
491598.71	3608143.38	1035.22776	0.00049	0.42946	4.84574E-06	0.00049

491579.36	3608134.16	915.03025	0.00043	0.35221	3.97410E-06	0.00044
491565.53	3608132.32	865.75646	0.00041	0.32156	3.62827E-06	0.00041
491548.94	3608123.1	781.22765	0.00037	0.27180	3.06681E-06	0.00037
491654.01	3608119.42	1093.05063	0.00052	0.41940	4.73223E-06	0.00052
491663.22	3608133.24	1261.55124	0.00060	0.51410	5.80076E-06	0.00060
491657.69	3608106.51	1016.55434	0.00048	0.36746	4.14617E-06	0.00048
491663.22	3608094.53	961.6658	0.00045	0.32912	3.71357E-06	0.00046
491674.28	3608094.53	1013.91396	0.00048	0.34110	3.84874E-06	0.00048
491681.65	3608086.24	996.05117	0.00047	0.31991	3.60965E-06	0.00047
491686.26	3608072.42	932.10878	0.00044	0.28186	3.18032E-06	0.00044
491663.22	3608078.87	868.71747	0.00041	0.28068	3.16700E-06	0.00041
491671.52	3608072.42	865.98489	0.00041	0.27000	3.04650E-06	0.00041
491676.12	3608058.59	812.08348	0.00038	0.23991	2.70698E-06	0.00039
491678.89	3608048.45	773.86256	0.00037	0.22037	2.48651E-06	0.00037
491690.87	3608053.98	850.17689	0.00040	0.23929	2.69999E-06	0.00040
491695.48	3608035.55	779.20615	0.00037	0.20522	2.31556E-06	0.00037
491701.93	3608024.49	755.88226	0.00036	0.18973	2.14079E-06	0.00036
491624.52	3608121.26	982.59795	0.00046	0.38106	4.29962E-06	0.00047
491615.3	3608116.65	923.03046	0.00044	0.34920	3.94014E-06	0.00044
491603.32	3608112.97	867.25904	0.00041	0.31999	3.61055E-06	0.00041
491590.42	3608107.44	806.51646	0.00038	0.28739	3.24271E-06	0.00038
491582.12	3608104.67	774.91834	0.00037	0.27053	3.05248E-06	0.00037
491567.38	3608101.91	732.68088	0.00035	0.24793	2.79747E-06	0.00035
491553.55	3608094.53	678.74608	0.00032	0.21986	2.48075E-06	0.00032
491560	3608079.79	637.30235	0.00030	0.20076	2.26524E-06	0.00030
491571.98	3608083.47	669.156	0.00032	0.21644	2.44216E-06	0.00032
491585.81	3608088.08	711.15424	0.00034	0.23709	2.67516E-06	0.00034
491599.63	3608094.53	766.78998	0.00036	0.26452	2.98467E-06	0.00037
491614.38	3608097.3	814.843	0.00038	0.28675	3.23549E-06	0.00039
491626.36	3608102.83	877.45895	0.00041	0.31637	3.56971E-06	0.00042
491630.97	3608077.94	763.464	0.00036	0.25250	2.84904E-06	0.00036
491613.46	3608071.49	696.20751	0.00033	0.22558	2.54529E-06	0.00033
491635.57	3608062.28	706.00578	0.00033	0.22214	2.50648E-06	0.00034
491647.56	3608065.04	748.59786	0.00035	0.23548	2.65700E-06	0.00036
491568.3	3608046.61	544.90445	0.00026	0.16037	1.80951E-06	0.00026
491556.32	3608038.32	510.16707	0.00024	0.14559	1.64274E-06	0.00024
491572.91	3608032.79	512.18472	0.00024	0.14698	1.65842E-06	0.00024
491594.1	3608048.45	581.94028	0.00027	0.17577	1.98327E-06	0.00028
491589.49	3608035.55	537.61888	0.00025	0.15714	1.77306E-06	0.00026
491608.85	3608039.24	573.67335	0.00027	0.17041	1.92279E-06	0.00027
491612.53	3608025.41	537.6352	0.00025	0.15465	1.74497E-06	0.00026
491625.44	3608040.16	603.03153	0.00028	0.17932	2.02333E-06	0.00029
491636.5	3608029.1	586.7769	0.00028	0.16872	1.90372E-06	0.00028
491654.01	3608027.26	616.81819	0.00029	0.17328	1.95517E-06	0.00029

491643.87	3608011.59	547.07422	0.00026	0.14986	1.69092E-06	0.00026
491667.83	3608015.28	609.90493	0.00029	0.16255	1.83410E-06	0.00029
491689.03	3607995	601.27188	0.00028	0.14560	1.64285E-06	0.00029
491681.65	3607976.57	528.80566	0.00025	0.12538	1.41470E-06	0.00025
491704.69	3607986.71	621.67149	0.00029	0.14150	1.59659E-06	0.00030
491713.91	3607971.96	603.37593	0.00028	0.12953	1.46153E-06	0.00029
491725.89	3607958.14	598.23444	0.00028	0.12042	1.35874E-06	0.00028
491711.15	3607949.84	531.94139	0.00025	0.11043	1.24602E-06	0.00025
491729.58	3607943.39	565.80717	0.00027	0.10966	1.23733E-06	0.00027
491714.83	3607935.1	504.2339	0.00024	0.10089	1.13837E-06	0.00024
491724.97	3607923.12	500.55027	0.00024	0.09521	1.07429E-06	0.00024
491737.87	3607928.65	548.86938	0.00026	0.10112	1.14097E-06	0.00026
491735.11	3607910.22	495.12574	0.00023	0.08948	1.00963E-06	0.00023
491558.16	3608010.67	446.76664	0.00021	0.12114	1.36686E-06	0.00021
491579.36	3607998.69	437.37975	0.00021	0.11796	1.33098E-06	0.00021
491595.95	3608003.3	462.03995	0.00022	0.12660	1.42847E-06	0.00022
491613.46	3607995.92	463.12885	0.00022	0.12513	1.41188E-06	0.00022
491599.63	3607983.94	423.43448	0.00020	0.11194	1.26306E-06	0.00020
491623.59	3607979.33	437.88119	0.00021	0.11409	1.28731E-06	0.00021
491640.18	3607983.02	467.47351	0.00022	0.12094	1.36461E-06	0.00022
491660.46	3607968.28	466.12239	0.00022	0.11369	1.28280E-06	0.00022
491659.54	3607951.69	429.57667	0.00020	0.10173	1.14785E-06	0.00020
491677.05	3607950.77	457.63343	0.00022	0.10432	1.17708E-06	0.00022
491682.58	3607937.86	441.04738	0.00021	0.09695	1.09392E-06	0.00021
491670.6	3607928.65	403.26628	0.00019	0.08970	1.01211E-06	0.00019
491694.56	3607921.27	430.62047	0.00020	0.08923	1.00681E-06	0.00020
491682.58	3607913.9	396.2858	0.00019	0.08368	9.44189E-07	0.00019
491682.58	3607901.92	376.39613	0.00018	0.07800	8.80099E-07	0.00018
491705.62	3607902.84	416.61693	0.00020	0.08134	9.17786E-07	0.00020
491561.62	3607964.09	361.52381	0.00017	0.09104	1.02723E-06	0.00017
491578.12	3607959.66	363.39121	0.00017	0.09175	1.03525E-06	0.00017
491573.42	3607943.99	336.42249	0.00016	0.08283	9.34598E-07	0.00016
491600.84	3607959.66	378.65901	0.00018	0.09601	1.08331E-06	0.00018
491591.44	3607944.77	347.74317	0.00016	0.08613	9.71833E-07	0.00017
491603.97	3607934.59	340.58815	0.00016	0.08299	9.36403E-07	0.00016
491615.72	3607947.91	370.81638	0.00018	0.09183	1.03615E-06	0.00018
491636.09	3607933.02	366.04732	0.00017	0.08695	9.81085E-07	0.00017
491625.12	3607917.35	332.03167	0.00016	0.07785	8.78407E-07	0.00016
491644.71	3607918.92	353.35695	0.00017	0.08111	9.15191E-07	0.00017
491642.36	3607896.99	320.10969	0.00015	0.07132	8.04727E-07	0.00015
491658.03	3607905.6	348.86545	0.00016	0.07669	8.65318E-07	0.00017
491665.08	3607887.59	331.99941	0.00016	0.07005	7.90397E-07	0.00016
491647.06	3607883.67	307.77096	0.00015	0.06677	7.53388E-07	0.00015
491564.8	3607922.84	303.4827	0.00014	0.07232	8.16010E-07	0.00014

491587.52	3607913.44	301.75849	0.00014	0.07149	8.06645E-07	0.00014
491573.42	3607903.25	283.1073	0.00013	0.06604	7.45151E-07	0.00013
491607.11	3607896.2	291.63159	0.00014	0.06721	7.58352E-07	0.00014
491603.97	3607878.97	270.49998	0.00013	0.06106	6.88960E-07	0.00013
491621.99	3607877.4	279.96461	0.00013	0.06223	7.02161E-07	0.00013
491892.25	3607962.79	1729.53705	0.00082	0.20211	2.28047E-06	0.00082
491943.96	3607975.32	2655.68093	0.00125	0.26865	3.03127E-06	0.00126
491586.79	3608712.31	8409.91149	0.00397	0.25537	2.88142E-06	0.00397
491579.14	3608732.72	7291.76171	0.00344	0.22345	2.52126E-06	0.00345
491579.14	3608751.86	6533.0195	0.00308	0.19896	2.24493E-06	0.00309
491563.83	3608778.64	5465.98803	0.00258	0.17032	1.92178E-06	0.00258
491558.73	3608797.78	4905.57279	0.00232	0.15360	1.73312E-06	0.00232
491545.97	3608824.57	4212.34249	0.00199	0.13396	1.51151E-06	0.00199
491543.42	3608838.6	3929.01444	0.00186	0.12516	1.41222E-06	0.00186
491534.49	3608869.21	3382.56676	0.00160	0.10868	1.22627E-06	0.00160
491635.26	3608725.07	8556.303	0.00404	0.23968	2.70439E-06	0.00404
491665.88	3608731.45	8360.83188	0.00395	0.23355	2.63522E-06	0.00395
491654.4	3608756.96	6906.22993	0.00326	0.19926	2.24832E-06	0.00326
491627.61	3608748.03	7224.74672	0.00341	0.20756	2.34197E-06	0.00341
491621.23	3608764.61	6439.38955	0.00304	0.18774	2.11833E-06	0.00304
491651.85	3608772.27	6214.64483	0.00293	0.18240	2.05808E-06	0.00294
491635.26	3608823.29	4517.60807	0.00213	0.13801	1.55721E-06	0.00213
491608.48	3608810.54	4835.62481	0.00228	0.14544	1.64105E-06	0.00228
491603.37	3608829.67	4336.69451	0.00205	0.13187	1.48793E-06	0.00205
491627.61	3608838.6	4143.13594	0.00196	0.12751	1.43874E-06	0.00196
491622.51	3608866.66	3564.66602	0.00168	0.11155	1.25865E-06	0.00168
491590.62	3608859.01	3701.20145	0.00175	0.11431	1.28980E-06	0.00175
491586.79	3608875.59	3404.77827	0.00161	0.10597	1.19569E-06	0.00161
491617.41	3608884.52	3257.20091	0.00154	0.10280	1.15993E-06	0.00154
491707.97	3608753.13	7153.25801	0.00338	0.20753	2.34163E-06	0.00338
491702.87	3608768.44	6396.431	0.00302	0.18982	2.14180E-06	0.00302
491696.49	3608791.4	5468.59705	0.00258	0.16695	1.88375E-06	0.00258
491688.84	3608805.43	4998.74356	0.00236	0.15457	1.74406E-06	0.00236
491683.74	3608834.77	4189.63762	0.00198	0.13298	1.50046E-06	0.00198
491674.81	3608851.36	3820.01121	0.00180	0.12236	1.38063E-06	0.00181
491669.71	3608874.32	3379.43532	0.00160	0.10986	1.23959E-06	0.00160
491667.15	3608903.66	2914.7126	0.00138	0.09656	1.08952E-06	0.00138
491741.14	3608758.23	6978.56924	0.00330	0.20192	2.27833E-06	0.00330
491733.49	3608772.27	6281.67673	0.00297	0.18683	2.10806E-06	0.00297
491727.11	3608797.78	5275.56965	0.00249	0.16283	1.83726E-06	0.00249
491720.73	3608809.26	4893.44238	0.00231	0.15316	1.72815E-06	0.00231
491711.8	3608833.5	4219.16689	0.00199	0.13521	1.52562E-06	0.00199
491706.7	3608855.18	3729.43269	0.00176	0.12169	1.37307E-06	0.00176
491701.6	3608871.77	3409.51209	0.00161	0.11253	1.26971E-06	0.00161

491699.05	3608899.83	2955.05305	0.00140	0.09935	1.12100E-06	0.00140
491778.13	3608770.99	6583.73997	0.00311	0.18625	2.10152E-06	0.00311
491773.03	3608791.4	5700.1801	0.00269	0.16812	1.89695E-06	0.00269
491762.83	3608811.81	4952.10555	0.00234	0.15217	1.71698E-06	0.00234
491760.28	3608828.39	4468.7311	0.00211	0.14044	1.58463E-06	0.00211
491755.17	3608851.36	3900.00547	0.00184	0.12606	1.42238E-06	0.00184
491747.52	3608869.21	3518.43567	0.00166	0.11604	1.30932E-06	0.00166
491738.59	3608884.52	3229.67762	0.00153	0.10809	1.21961E-06	0.00153
491738.59	3608902.38	2954.26121	0.00139	0.10010	1.12946E-06	0.00140
491804.92	3608781.2	6318.52159	0.00298	0.17405	1.96386E-06	0.00299
491802.37	3608806.71	5337.54307	0.00252	0.15414	1.73921E-06	0.00252
491789.61	3608822.02	4788.76329	0.00226	0.14421	1.62717E-06	0.00226
491788.34	3608839.87	4305.57852	0.00203	0.13287	1.49922E-06	0.00203
491774.31	3608853.91	3917.0837	0.00185	0.12485	1.40872E-06	0.00185
491778.13	3608875.59	3499.89081	0.00165	0.11350	1.28066E-06	0.00165
491773.03	3608892.17	3197.355	0.00151	0.10568	1.19242E-06	0.00151
491770.48	3608916.41	2832.77258	0.00134	0.09553	1.07790E-06	0.00134
491848.29	3608793.95	5992.71087	0.00283	0.15787	1.78130E-06	0.00283
491845.74	3608815.64	5237.45045	0.00247	0.14361	1.62040E-06	0.00247
491835.54	3608834.77	4650.58333	0.00220	0.13316	1.50249E-06	0.00220
491829.16	3608859.01	4039.55505	0.00191	0.12055	1.36020E-06	0.00191
491824.06	3608874.32	3704.88695	0.00175	0.11337	1.27919E-06	0.00175
491824.06	3608890.9	3400.78112	0.00161	0.10597	1.19569E-06	0.00161
491820.23	3608904.93	3159.29467	0.00149	0.10030	1.13172E-06	0.00149
491818.95	3608924.07	2877.04023	0.00136	0.09309	1.05036E-06	0.00136
491817.68	3608940.65	2660.42732	0.00126	0.08740	9.86163E-07	0.00126
491873.81	3608822.02	5086.34504	0.00240	0.13605	1.53510E-06	0.00240
491864.88	3608842.43	4525.64689	0.00214	0.12605	1.42226E-06	0.00214
491859.77	3608864.11	4016.05242	0.00190	0.11590	1.30774E-06	0.00190
491855.95	3608878.14	3724.29971	0.00176	0.10990	1.24004E-06	0.00176
491849.57	3608899.83	3323.74804	0.00157	0.10134	1.14345E-06	0.00157
491857.22	3608915.14	3103.21069	0.00147	0.09528	1.07508E-06	0.00147
491869.98	3608930.44	2913.47447	0.00138	0.08953	1.01020E-06	0.00138
491890.39	3608932.99	2909.41727	0.00137	0.08770	9.89548E-07	0.00137
491915.9	3608818.19	5123.01474	0.00242	0.13148	1.48353E-06	0.00242
491914.63	3608838.6	4596.72161	0.00217	0.12148	1.37070E-06	0.00217
491904.42	3608855.18	4234.93498	0.00200	0.11528	1.30074E-06	0.00200
491903.14	3608874.32	3846.14771	0.00182	0.10735	1.21126E-06	0.00182
491895.49	3608897.28	3438.65333	0.00162	0.09929	1.12032E-06	0.00162
491915.9	3608899.83	3397.17383	0.00160	0.09661	1.09008E-06	0.00161
491936.31	3608902.38	3337.66685	0.00158	0.09379	1.05826E-06	0.00158
491952.89	3608910.03	3198.84616	0.00151	0.08973	1.01245E-06	0.00151
491966.93	3608922.79	3001.95003	0.00142	0.08465	9.55133E-07	0.00142
491923.55	3608947.03	2752.86059	0.00130	0.08160	9.20719E-07	0.00130

491945.24	3608961.06	2590.66041	0.00122	0.07653	8.63513E-07	0.00122
491737.31	3608925.34	2646.50014	0.00125	0.09097	1.02644E-06	0.00125
CONCUNIT ug/	m^3	0	0.00000	0.00000	0.00000E+00	0.00000
DEPUNIT g/m^	2	0	0.00000	0.00000	0.00000E+00	0.00000

Moss Street

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	1	0.25	13.6
1	1	10	1090	1	1	164.2

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street

Tier III mitigati at Sensitive Recptors

Estimated Cancer Risks from Construction DPM - Infant Receptors

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2019 (/million)	Infant Cancer Risk (year 1) 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	3.968	47.926	51.89398
491770.82	3608296.56	0.530	6.399	6.92859
491786.69	3608300.4	1.065	12.864	13.92906
491777.07	3608270.58	0.238	2.875	3.11285
491794.39	3608275.87	0.451	5.447	5.89807
491789.88	3608254.44	0.195	2.361	2.55650
491793.88	3608239.79	0.142	1.712	1.85337
491796.54	3608225.81	0.107	1.288	1.39476
491799.2	3608213.16	0.085	1.031	1.11627
491804.53	3608198.51	0.070	0.847	0.91686
491835.16	3608317.03	2.493	30.104	32.59669
491837.82	3608303.71	1.709	20.641	22.34977
491843.81	3608287.73	1.086	13.113	14.19869
491851.14	3608274.41	0.774	9.344	10.11765
491863.07	3608247.22	0.421	5.081	5.50200
491867.68	3608231.55	0.305	3.690	3.99508
491875.05	3608218.65	0.246	2.975	3.22080
491878.74	3608195.61	0.162	1.958	2.12030
491885.19	3608177.18	0.123	1.489	1.61235
491807.78	3608183.63	0.057	0.685	0.74182
491812.39	3608167.97	0.047	0.568	0.61535
491819.76	3608146.77	0.038	0.458	0.49581
491840.03	3608155.06	0.054	0.653	0.70747
491868.6	3608170.73	0.095	1.145	1.24005
491865.26	3608414.36	3.704	44.731	48.43508
491867.52	3608403.04	3.790	45.775	49.56486

Maximum Caner Risk
51.9
SDAQMD threshold of significance
10
Exceed thresholds?
YES

491872.05	3608392.29	3.716	44.878	48.59413
491874.88	3608377.58	3.753	45.323	49.07525
491886.76	3608431.91	2.442	29.495	31.93695
491890.73	3608422.29	2.451	29.600	32.05092
491896.39	3608409.84	2.425	29.282	31.70675
491900.35	3608397.38	2.427	29.318	31.74542
491903.74	3608384.93	2.418	29.205	31.62294
491912.8	3608444.92	1.619	19.552	21.17042
491917.89	3608432.47	1.655	19.983	21.63794
491921.29	3608418.89	1.714	20.699	22.41322
491926.95	3608408.14	1.689	20.397	22.08558
491930.91	3608396.25	1.687	20.376	22.06330
491950.72	3608425.12	1.223	14.770	15.99266
491954.11	3608416.06	1.235	14.919	16.15479
491959.21	3608404.74	1.230	14.853	16.08255
491984.11	3608467.56	0.692	8.355	9.04696
491987.5	3608453.98	0.743	8.977	9.72050
491993.16	3608442.66	0.763	9.218	9.98137
491998.26	3608432.47	0.775	9.365	10.14084
492002.22	3608421.15	0.793	9.580	10.37302
492012.41	3608475.49	0.525	6.345	6.87068
492015.24	3608463.6	0.563	6.794	7.35683
492020.9	3608451.15	0.586	7.083	7.66956
492024.29	3608441.53	0.606	7.313	7.91854
492028.25	3608428.51	0.629	7.596	8.22499
492037.31	3608486.24	0.408	4.932	5.34048
492042.4	3608472.09	0.440	5.312	5.75188
492046.36	3608461.34	0.461	5.569	6.03064
492050.89	3608450.58	0.478	5.776	6.25371
492055.42	3608440.4	0.491	5.928	6.41886
492065.61	3608493.6	0.325	3.925	4.25049
492069	3608481.15	0.350	4.225	4.57448
492075.23	3608469.26	0.366	4.416	4.78193
492078.06	3608457.38	0.387	4.673	5.05984

492082.59	3608446.62	0.400	4.827	5.22701
491873.18	3608334.56	3.205	38.704	41.90898
491929.78	3608349.84	1.732	20.913	22.64422
491879.97	3608317.02	2.116	25.551	27.66677
491893.22	3608305.33	1.537	18.561	20.09788
491889.89	3608289.35	1.137	13.738	14.87553
491907.21	3608277.37	0.870	10.505	11.37513
491909.87	3608246.74	0.498	6.011	6.50856
491914.53	3608232.76	0.391	4.716	5.10700
491920.52	3608219.44	0.315	3.802	4.11697
491923.85	3608203.46	0.243	2.940	3.18322
491922.52	3608187.48	0.186	2.252	2.43809
491933.84	3608176.16	0.164	1.987	2.15120
491936.5	3608332.63	1.474	17.798	19.27142
491945.82	3608306.66	1.088	13.143	14.23125
491948.49	3608292.02	0.912	11.011	11.92231
491954.48	3608266.71	0.649	7.836	8.48476
491965.8	3608249.4	0.504	6.082	6.58518
491959.81	3608230.76	0.394	4.760	5.15369
491973.12	3608219.44	0.337	4.072	4.40896
491965.13	3608198.8	0.253	3.052	3.30521
491987.11	3608190.14	0.232	2.801	3.03310
491975.79	3608366.59	1.124	13.574	14.69766
491980.45	3608353.27	1.064	12.853	13.91723
491988.44	3608337.29	0.955	11.538	12.49364
491991.77	3608319.32	0.861	10.395	11.25596
492001.09	3608294.68	0.693	8.374	9.06682
492006.41	3608282.03	0.612	7.390	8.00192
492013.07	3608266.05	0.520	6.275	6.79406
492013.07	3608251.4	0.454	5.487	5.94177
492028.39	3608241.41	0.395	4.774	5.16910
492019.07	3608222.77	0.336	4.060	4.39595
492045.7	3608210.78	0.286	3.451	3.73629
492031.05	3608385.23	0.708	8.554	9.26260

492035.71	3608369.92	0.696	8.407	9.10286
492027.06	3608353.27	0.738	8.915	9.65308
492046.36	3608339.96	0.634	7.661	8.29495
492040.37	3608324.64	0.635	7.672	8.30689
492057.02	3608313.32	0.553	6.677	7.23025
492055.69	3608297.34	0.521	6.298	6.81959
492059.02	3608282.03	0.474	5.724	6.19750
492069.67	3608270.04	0.422	5.091	5.51224
492061.68	3608253.4	0.391	4.717	5.10792
492078.32	3608241.41	0.339	4.094	4.43292
492079.66	3608226.76	0.304	3.666	3.96980
492069.51	3608395.3	0.531	6.410	6.94052
492076.17	3608375.99	0.526	6.352	6.87804
492085.49	3608364.01	0.501	6.046	6.54668
492102.14	3608406.62	0.419	5.058	5.47733
492129.44	3608410.61	0.353	4.260	4.61267
492095.48	3608352.69	0.472	5.697	6.16909
492094.15	3608336.04	0.470	5.674	6.14411
492135.43	3608348.69	0.376	4.540	4.91581
492101.47	3608312.74	0.432	5.213	5.64445
492120.78	3608244.15	0.299	3.607	3.90522
492106.8	3608297.42	0.402	4.851	5.25296
492168.06	3608256.14	0.266	3.212	3.47820
491832.47	3608106.99	0.026	0.318	0.34437
491853.78	3608116.31	0.036	0.441	0.47702
491874.42	3608123.64	0.049	0.592	0.64077
491899.72	3608128.96	0.066	0.795	0.86091
491836.47	3608093.01	0.023	0.282	0.30564
491877.09	3608106.33	0.040	0.483	0.52278
491905.05	3608118.98	0.060	0.723	0.78270
491907.71	3608101.66	0.049	0.588	0.63649
491883.74	3608091.01	0.035	0.423	0.45847
491848.45	3608065.04	0.019	0.234	0.25359
491853.12	3608053.06	0.018	0.216	0.23424

491873.09	3608063.05	0.023	0.283	0.30596
491909.71	3608072.37	0.035	0.419	0.45361
491921.03	3608059.05	0.032	0.392	0.42441
491925.69	3608040.41	0.027	0.332	0.35922
491856.44	3608031.75	0.015	0.182	0.19684
491867.1	3608010.44	0.014	0.163	0.17672
491875.09	3607976.49	0.011	0.131	0.14142
491918.37	3607991.8	0.016	0.198	0.21455
491945	3608000.46	0.021	0.254	0.27540
491935.09	3608141.53	0.099	1.201	1.30081
491960.9	3608152.59	0.131	1.586	1.71784
491988.54	3608164.57	0.168	2.026	2.19398
491946.15	3608114.81	0.074	0.891	0.96471
491988.54	3608129.55	0.108	1.306	1.41386
492018.04	3608107.44	0.092	1.110	1.20148
491955.37	3608089	0.056	0.680	0.73677
491963.66	3608059.51	0.042	0.508	0.54998
491984.86	3608059.51	0.047	0.568	0.61507
492031.86	3608066.89	0.062	0.750	0.81187
492020.8	3608040.16	0.045	0.548	0.59355
491977.49	3608027.26	0.033	0.393	0.42552
491983.94	3608007.9	0.028	0.338	0.36569
492044.76	3608018.04	0.040	0.488	0.52855
492048.45	3608001.45	0.035	0.426	0.46097
491999.6	3607989.47	0.026	0.309	0.33449
492038.31	3608171.95	0.194	2.344	2.53796
492047.53	3608155.36	0.164	1.978	2.14149
492086.23	3608187.61	0.219	2.642	2.86064
492095.45	3608171.03	0.188	2.272	2.45966
492053.98	3608123.1	0.118	1.426	1.54433
492109.27	3608145.22	0.150	1.809	1.95870
492058.59	3608100.06	0.094	1.137	1.23078
492123.1	3608113.89	0.115	1.388	1.50253
492135.08	3608094.53	0.098	1.187	1.28496

492076.1	3608065.04	0.069	0.838	0.90734
492085.31	3608030.02	0.051	0.622	0.67342
492139.69	3608065.96	0.078	0.941	1.01876
492139.69	3608212.5	0.235	2.833	3.06746
492183.92	3608227.24	0.223	2.693	2.91615
492143.37	3608192.22	0.205	2.470	2.67490
492194.98	3608204.2	0.193	2.337	2.53032
492203.28	3608183.01	0.170	2.052	2.22192
492151.67	3608153.52	0.155	1.867	2.02155
492197.75	3608162.73	0.153	1.851	2.00414
492159.04	3608135.08	0.134	1.622	1.75682
492164.57	3608118.49	0.119	1.432	1.55049
492219.86	3608141.53	0.131	1.577	1.70707
492223.55	3608114.81	0.111	1.337	1.44722
492231.84	3608098.22	0.099	1.197	1.29654
492170.1	3608097.3	0.101	1.222	1.32341
492180.24	3608077.94	0.088	1.060	1.14727
492183.92	3608055.83	0.075	0.901	0.97542
492218.94	3608068.73	0.082	0.995	1.07716
492246.59	3608230.01	0.185	2.236	2.42118
492239.22	3608207.89	0.174	2.106	2.28034
492241.98	3608194.07	0.163	1.973	2.13582
492246.59	3608176.56	0.149	1.802	1.95172
492257.65	3608163.65	0.137	1.656	1.79275
492261.34	3608145.22	0.124	1.503	1.62699
492266.87	3608124.02	0.111	1.335	1.44603
492272.39	3608108.36	0.101	1.220	1.32057
492277.92	3608094.53	0.093	1.124	1.21736
492285.3	3608081.63	0.086	1.040	1.12623
491685.34	3608168.26	0.012	0.146	0.15761
491689.95	3608145.22	0.010	0.123	0.13355
491694.56	3608131.4	0.009	0.114	0.12313
491698.24	3608118.49	0.009	0.105	0.11406
491701.01	3608105.59	0.008	0.097	0.10540

491703.77	3608093.61	0.008	0.091	0.09835
491707.46	3608079.79	0.007	0.084	0.09138
491713.91	3608070.57	0.007	0.083	0.08940
491715.75	3608058.59	0.006	0.077	0.08348
491720.36	3608046.61	0.006	0.073	0.07949
491732.34	3608014.36	0.005	0.065	0.07004
491735.11	3608002.37	0.005	0.061	0.06630
491735.11	3607991.32	0.005	0.057	0.06217
491744.32	3607980.26	0.005	0.057	0.06163
491747.09	3607967.35	0.004	0.054	0.05824
491755.38	3607954.45	0.004	0.053	0.05689
491759.07	3607939.71	0.004	0.050	0.05363
491636.5	3608156.28	0.008	0.101	0.10895
491618.06	3608148.91	0.007	0.088	0.09552
491598.71	3608143.38	0.007	0.079	0.08554
491579.36	3608134.16	0.006	0.070	0.07558
491565.53	3608132.32	0.005	0.066	0.07149
491548.94	3608123.1	0.005	0.060	0.06449
491654.01	3608119.42	0.007	0.083	0.09028
491663.22	3608133.24	0.008	0.096	0.10423
491657.69	3608106.51	0.006	0.078	0.08394
491663.22	3608094.53	0.006	0.073	0.07938
491674.28	3608094.53	0.006	0.077	0.08369
491681.65	3608086.24	0.006	0.076	0.08220
491686.26	3608072.42	0.006	0.071	0.07690
491663.22	3608078.87	0.005	0.066	0.07169
491671.52	3608072.42	0.005	0.066	0.07145
491676.12	3608058.59	0.005	0.062	0.06699
491678.89	3608048.45	0.005	0.059	0.06383
491690.87	3608053.98	0.005	0.065	0.07012
491695.48	3608035.55	0.005	0.059	0.06425
491701.93	3608024.49	0.005	0.058	0.06232
491624.52	3608121.26	0.006	0.075	0.08116
491615.3	3608116.65	0.006	0.070	0.07623

491603.32	3608112.97	0.005	0.066	0.07162
491590.42	3608107.44	0.005	0.061	0.06659
491582.12	3608104.67	0.005	0.059	0.06397
491567.38	3608101.91	0.005	0.056	0.06048
491553.55	3608094.53	0.004	0.052	0.05601
491560	3608079.79	0.004	0.049	0.05259
491571.98	3608083.47	0.004	0.051	0.05522
491585.81	3608088.08	0.004	0.054	0.05870
491599.63	3608094.53	0.005	0.058	0.06330
491614.38	3608097.3	0.005	0.062	0.06727
491626.36	3608102.83	0.006	0.067	0.07245
491630.97	3608077.94	0.005	0.058	0.06301
491613.46	3608071.49	0.004	0.053	0.05746
491635.57	3608062.28	0.004	0.054	0.05826
491647.56	3608065.04	0.005	0.057	0.06177
491568.3	3608046.61	0.003	0.042	0.04495
491556.32	3608038.32	0.003	0.039	0.04208
491572.91	3608032.79	0.003	0.039	0.04225
491594.1	3608048.45	0.004	0.044	0.04801
491589.49	3608035.55	0.003	0.041	0.04435
491608.85	3608039.24	0.004	0.044	0.04733
491612.53	3608025.41	0.003	0.041	0.04435
491625.44	3608040.16	0.004	0.046	0.04975
491636.5	3608029.1	0.004	0.045	0.04840
491654.01	3608027.26	0.004	0.047	0.05087
491643.87	3608011.59	0.003	0.042	0.04512
491667.83	3608015.28	0.004	0.046	0.05029
491689.03	3607995	0.004	0.046	0.04956
491681.65	3607976.57	0.003	0.040	0.04359
491704.69	3607986.71	0.004	0.047	0.05124
491713.91	3607971.96	0.004	0.046	0.04972
491725.89	3607958.14	0.004	0.046	0.04929
491711.15	3607949.84	0.003	0.040	0.04383
491729.58	3607943.39	0.004	0.043	0.04661

491714.83	3607935.1	0.003	0.038	0.04154
491724.97	3607923.12	0.003	0.038	0.04123
491737.87	3607928.65	0.003	0.042	0.04521
491735.11	3607910.22	0.003	0.038	0.04078
491558.16	3608010.67	0.003	0.034	0.03684
491579.36	3607998.69	0.003	0.033	0.03607
491595.95	3608003.3	0.003	0.035	0.03810
491613.46	3607995.92	0.003	0.035	0.03819
491599.63	3607983.94	0.003	0.032	0.03492
491623.59	3607979.33	0.003	0.033	0.03610
491640.18	3607983.02	0.003	0.036	0.03854
491660.46	3607968.28	0.003	0.035	0.03842
491659.54	3607951.69	0.003	0.033	0.03541
491677.05	3607950.77	0.003	0.035	0.03772
491682.58	3607937.86	0.003	0.034	0.03635
491670.6	3607928.65	0.003	0.031	0.03323
491694.56	3607921.27	0.003	0.033	0.03548
491682.58	3607913.9	0.002	0.030	0.03265
491682.58	3607901.92	0.002	0.029	0.03101
491705.62	3607902.84	0.003	0.032	0.03432
491561.62	3607964.09	0.002	0.028	0.02981
491578.12	3607959.66	0.002	0.028	0.02996
491573.42	3607943.99	0.002	0.026	0.02773
491600.84	3607959.66	0.002	0.029	0.03122
491591.44	3607944.77	0.002	0.026	0.02867
491603.97	3607934.59	0.002	0.026	0.02808
491615.72	3607947.91	0.002	0.028	0.03057
491636.09	3607933.02	0.002	0.028	0.03017
491625.12	3607917.35	0.002	0.025	0.02737
491644.71	3607918.92	0.002	0.027	0.02912
491642.36	3607896.99	0.002	0.024	0.02638
491658.03	3607905.6	0.002	0.027	0.02875
491665.08	3607887.59	0.002	0.025	0.02736
491647.06	3607883.67	0.002	0.023	0.02536

491564.8	3607922.84	0.002	0.023	0.02502
491587.52	3607913.44	0.002	0.023	0.02487
491573.42	3607903.25	0.002	0.022	0.02333
491607.11	3607896.2	0.002	0.022	0.02404
491603.97	3607878.97	0.002	0.021	0.02229
491621.99	3607877.4	0.002	0.021	0.02307
491892.25	3607962.79	0.011	0.131	0.14232
491943.96	3607975.32	0.017	0.202	0.21848
491586.79	3608712.31	0.053	0.638	0.69120
491579.14	3608732.72	0.046	0.553	0.59930
491579.14	3608751.86	0.041	0.496	0.53694
491563.83	3608778.64	0.034	0.415	0.44925
491558.73	3608797.78	0.031	0.372	0.40319
491545.97	3608824.57	0.026	0.320	0.34621
491543.42	3608838.6	0.025	0.298	0.32293
491534.49	3608869.21	0.021	0.257	0.27801
491635.26	3608725.07	0.054	0.649	0.70321
491665.88	3608731.45	0.053	0.635	0.68714
491654.4	3608756.96	0.043	0.524	0.56760
491627.61	3608748.03	0.045	0.548	0.59378
491621.23	3608764.61	0.040	0.489	0.52923
491651.85	3608772.27	0.039	0.472	0.51076
491635.26	3608823.29	0.028	0.343	0.37130
491608.48	3608810.54	0.030	0.367	0.39743
491603.37	3608829.67	0.027	0.329	0.35643
491627.61	3608838.6	0.026	0.314	0.34052
491622.51	3608866.66	0.022	0.271	0.29298
491590.62	3608859.01	0.023	0.281	0.30420
491586.79	3608875.59	0.021	0.258	0.27984
491617.41	3608884.52	0.020	0.247	0.26771
491707.97	3608753.13	0.045	0.543	0.58790
491702.87	3608768.44	0.040	0.486	0.52571
491696.49	3608791.4	0.034	0.415	0.44946
491688.84	3608805.43	0.031	0.379	0.41084

491683.74	3608834.77	0.026	0.318	0.34435
491674.81	3608851.36	0.024	0.290	0.31397
491669.71	3608874.32	0.021	0.257	0.27776
491667.15	3608903.66	0.018	0.221	0.23956
491741.14	3608758.23	0.044	0.530	0.57355
491733.49	3608772.27	0.039	0.477	0.51628
491727.11	3608797.78	0.033	0.400	0.43359
491720.73	3608809.26	0.031	0.371	0.40219
491711.8	3608833.5	0.027	0.320	0.34677
491706.7	3608855.18	0.023	0.283	0.30653
491701.6	3608871.77	0.021	0.259	0.28023
491699.05	3608899.83	0.019	0.224	0.24288
491778.13	3608770.99	0.041	0.500	0.54109
491773.03	3608791.4	0.036	0.433	0.46848
491762.83	3608811.81	0.031	0.376	0.40701
491760.28	3608828.39	0.028	0.339	0.36728
491755.17	3608851.36	0.025	0.296	0.32054
491747.52	3608869.21	0.022	0.267	0.28918
491738.59	3608884.52	0.020	0.245	0.26545
491738.59	3608902.38	0.019	0.224	0.24282
491804.92	3608781.2	0.040	0.480	0.51929
491802.37	3608806.71	0.034	0.405	0.43867
491789.61	3608822.02	0.030	0.363	0.39358
491788.34	3608839.87	0.027	0.327	0.35387
491774.31	3608853.91	0.025	0.297	0.32195
491778.13	3608875.59	0.022	0.266	0.28766
491773.03	3608892.17	0.020	0.243	0.26280
491770.48	3608916.41	0.018	0.215	0.23283
491848.29	3608793.95	0.038	0.455	0.49250
491845.74	3608815.64	0.033	0.398	0.43044
491835.54	3608834.77	0.029	0.353	0.38221
491829.16	3608859.01	0.025	0.307	0.33200
491824.06	3608874.32	0.023	0.281	0.30450
491824.06	3608890.9	0.021	0.258	0.27951

491820.23	3608904.93	0.020	0.240	0.25966
491818.95	3608924.07	0.018	0.218	0.23647
491817.68	3608940.65	0.017	0.202	0.21866
491873.81	3608822.02	0.032	0.386	0.41802
491864.88	3608842.43	0.028	0.344	0.37194
491859.77	3608864.11	0.025	0.305	0.33007
491855.95	3608878.14	0.023	0.283	0.30609
491849.57	3608899.83	0.021	0.252	0.27317
491857.22	3608915.14	0.020	0.236	0.25505
491869.98	3608930.44	0.018	0.221	0.23945
491890.39	3608932.99	0.018	0.221	0.23912
491915.9	3608818.19	0.032	0.389	0.42102
491914.63	3608838.6	0.029	0.349	0.37778
491904.42	3608855.18	0.027	0.321	0.34805
491903.14	3608874.32	0.024	0.292	0.31610
491895.49	3608897.28	0.022	0.261	0.28261
491915.9	3608899.83	0.021	0.258	0.27920
491936.31	3608902.38	0.021	0.253	0.27431
491952.89	3608910.03	0.020	0.243	0.26290
491966.93	3608922.79	0.019	0.228	0.24672
491923.55	3608947.03	0.017	0.209	0.22625
491945.24	3608961.06	0.016	0.197	0.21292
491737.31	3608925.34	0.017	0.201	0.21752
CONCUNIT ug	m^3	0.000	0.000	0.00000
DEPUNIT g/m	2	0.000	0.000	0.00000

Moss Street

Tier III 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 $(ug/m3)^{-1}$
2019	1	3	572	1	0.25	6.5
2020	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street

Tier III mitigation **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Child Cancer 2019 (/million)	Child Cancer 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	1.886	7.713	9.59898
491770.82	3608296.56	0.252	1.035	1.28647
491786.69	3608300.4	0.506	2.075	2.58090
491777.07	3608270.58	0.113	0.465	0.57803
491794.39	3608275.87	0.214	0.879	1.09316
491789.88	3608254.44	0.093	0.381	0.47430
491793.88	3608239.79	0.067	0.276	0.34384
491796.54	3608225.81	0.051	0.208	0.25874
491799.2	3608213.16	0.041	0.166	0.20706
491804.53	3608198.51	0.033	0.137	0.17002
491835.16	3608317.03	1.185	4.847	6.03141
491837.82	3608303.71	0.812	3.324	4.13594
491843.81	3608287.73	0.516	2.112	2.62787
491851.14	3608274.41	0.368	1.505	1.87269
491863.07	3608247.22	0.200	0.819	1.01852
491867.68	3608231.55	0.145	0.594	0.73962
491875.05	3608218.65	0.117	0.479	0.59629
491878.74	3608195.61	0.077	0.316	0.39258
491885.19	3608177.18	0.059	0.240	0.29854
491807.78	3608183.63	0.027	0.111	0.13754
491812.39	3608167.97	0.022	0.092	0.11407
491819.76	3608146.77	0.018	0.074	0.09188
491840.03	3608155.06	0.026	0.105	0.13107
491868.6	3608170.73	0.045	0.185	0.22965
491865.26	3608414.36	1.761	7.199	8.95921
491867.52	3608403.04	1.802	7.367	9.16822

Maximum Caner Risk
9.6
SDAQMD threshold of significance
10
Exceed thresholds?
No

491872.05	3608392.29	1.766	7.222	8.98871
491874.88	3608377.58	1.784	7.294	9.07777
491886.76	3608431.91	1.161	4.747	5.90752
491890.73	3608422.29	1.165	4.764	5.92862
491896.39	3608409.84	1.152	4.712	5.86498
491900.35	3608397.38	1.154	4.718	5.87217
491903.74	3608384.93	1.149	4.700	5.84955
491912.8	3608444.92	0.770	3.147	3.91601
491917.89	3608432.47	0.787	3.216	4.00250
491921.29	3608418.89	0.815	3.331	4.14593
491926.95	3608408.14	0.803	3.283	4.08534
491930.91	3608396.25	0.802	3.279	4.08124
491950.72	3608425.12	0.581	2.377	2.95829
491954.11	3608416.06	0.587	2.401	2.98829
491959.21	3608404.74	0.585	2.390	2.97495
491984.11	3608467.56	0.329	1.345	1.67350
491987.5	3608453.98	0.353	1.445	1.79809
491993.16	3608442.66	0.363	1.484	1.84635
491998.26	3608432.47	0.369	1.507	1.87586
492002.22	3608421.15	0.377	1.542	1.91881
492012.41	3608475.49	0.250	1.021	1.27094
492015.24	3608463.6	0.267	1.093	1.36087
492020.9	3608451.15	0.279	1.140	1.41872
492024.29	3608441.53	0.288	1.177	1.46478
492028.25	3608428.51	0.299	1.223	1.52147
492037.31	3608486.24	0.194	0.794	0.98789
492042.4	3608472.09	0.209	0.855	1.06399
492046.36	3608461.34	0.219	0.896	1.11556
492050.89	3608450.58	0.227	0.930	1.15683
492055.42	3608440.4	0.233	0.954	1.18738
492065.61	3608493.6	0.154	0.632	0.78627
492069	3608481.15	0.166	0.680	0.84620
492075.23	3608469.26	0.174	0.711	0.88458
492078.06	3608457.38	0.184	0.752	0.93599

492082.59	3608446.62	0.190	0.777	0.96691
491873.18	3608334.56	1.523	6.229	7.75266
491929.78	3608349.84	0.823	3.366	4.18886
491879.97	3608317.02	1.006	4.113	5.11839
491893.22	3608305.33	0.731	2.988	3.71829
491889.89	3608289.35	0.541	2.212	2.75237
491907.21	3608277.37	0.413	1.691	2.10475
491909.87	3608246.74	0.237	0.968	1.20447
491914.53	3608232.76	0.186	0.760	0.94515
491920.52	3608219.44	0.150	0.612	0.76195
491923.85	3608203.46	0.116	0.473	0.58917
491922.52	3608187.48	0.089	0.363	0.45129
491933.84	3608176.16	0.078	0.320	0.39818
491936.5	3608332.63	0.700	2.865	3.56504
491945.82	3608306.66	0.517	2.116	2.63281
491948.49	3608292.02	0.433	1.772	2.20573
491954.48	3608266.71	0.308	1.261	1.56987
491965.8	3608249.4	0.239	0.979	1.21845
491959.81	3608230.76	0.187	0.766	0.95366
491973.12	3608219.44	0.160	0.656	0.81585
491965.13	3608198.8	0.120	0.492	0.61166
491987.11	3608190.14	0.110	0.451	0.56129
491975.79	3608366.59	0.534	2.185	2.71885
491980.45	3608353.27	0.506	2.069	2.57452
491988.44	3608337.29	0.454	1.857	2.31121
491991.77	3608319.32	0.409	1.673	2.08231
492001.09	3608294.68	0.330	1.348	1.67739
492006.41	3608282.03	0.291	1.190	1.48042
492013.07	3608266.05	0.247	1.010	1.25699
492013.07	3608251.4	0.216	0.883	1.09934
492028.39	3608241.41	0.188	0.769	0.95639
492019.07	3608222.77	0.160	0.654	0.81338
492045.7	3608210.78	0.136	0.556	0.69132
492031.05	3608385.23	0.337	1.377	1.71344

492035.71	3608369.92	0.331	1.353	1.68391
492027.06	3608353.27	0.351	1.435	1.78572
492046.36	3608339.96	0.302	1.233	1.53450
492040.37	3608324.64	0.302	1.235	1.53673
492057.02	3608313.32	0.263	1.075	1.33758
492055.69	3608297.34	0.248	1.014	1.26163
492059.02	3608282.03	0.225	0.921	1.14657
492069.67	3608270.04	0.200	0.819	1.01981
492061.68	3608253.4	0.186	0.759	0.94503
492078.32	3608241.41	0.161	0.659	0.82015
492079.66	3608226.76	0.144	0.590	0.73449
492069.51	3608395.3	0.252	1.032	1.28390
492076.17	3608375.99	0.250	1.022	1.27235
492085.49	3608364.01	0.238	0.973	1.21107
492102.14	3608406.62	0.199	0.814	1.01323
492129.44	3608410.61	0.168	0.686	0.85328
492095.48	3608352.69	0.224	0.917	1.14123
492094.15	3608336.04	0.223	0.913	1.13662
492135.43	3608348.69	0.179	0.731	0.90939
492101.47	3608312.74	0.205	0.839	1.04421
492120.78	3608244.15	0.142	0.581	0.72251
492106.8	3608297.42	0.191	0.781	0.97180
492168.06	3608256.14	0.126	0.517	0.64349
491832.47	3608106.99	0.013	0.051	0.06380
491853.78	3608116.31	0.017	0.071	0.08836
491874.42	3608123.64	0.023	0.095	0.11867
491899.72	3608128.96	0.031	0.128	0.15940
491836.47	3608093.01	0.011	0.046	0.05662
491877.09	3608106.33	0.019	0.078	0.09681
491905.05	3608118.98	0.028	0.116	0.14492
491907.71	3608101.66	0.023	0.095	0.11785
491883.74	3608091.01	0.017	0.068	0.08490
491848.45	3608065.04	0.009	0.038	0.04697
491853.12	3608053.06	0.009	0.035	0.04338

491873.09	3608063.05	0.011	0.046	0.05666
491909.71	3608072.37	0.016	0.067	0.08398
491921.03	3608059.05	0.015	0.063	0.07857
491925.69	3608040.41	0.013	0.053	0.06650
491856.44	3608031.75	0.007	0.029	0.03645
491867.1	3608010.44	0.006	0.026	0.03272
491875.09	3607976.49	0.005	0.021	0.02618
491918.37	3607991.8	0.008	0.032	0.03972
491945	3608000.46	0.010	0.041	0.05098
491935.09	3608141.53	0.047	0.194	0.24080
491960.9	3608152.59	0.062	0.256	0.31795
491988.54	3608164.57	0.080	0.326	0.40603
491946.15	3608114.81	0.035	0.144	0.17858
491988.54	3608129.55	0.051	0.210	0.26168
492018.04	3608107.44	0.044	0.179	0.22236
491955.37	3608089	0.027	0.110	0.13638
491963.66	3608059.51	0.020	0.082	0.10181
491984.86	3608059.51	0.022	0.091	0.11385
492031.86	3608066.89	0.030	0.121	0.15026
492020.8	3608040.16	0.022	0.088	0.10986
491977.49	3608027.26	0.015	0.063	0.07877
491983.94	3608007.9	0.013	0.054	0.06769
492044.76	3608018.04	0.019	0.079	0.09782
492048.45	3608001.45	0.017	0.069	0.08532
491999.6	3607989.47	0.012	0.050	0.06191
492038.31	3608171.95	0.092	0.377	0.46964
492047.53	3608155.36	0.078	0.318	0.39628
492086.23	3608187.61	0.104	0.425	0.52930
492095.45	3608171.03	0.089	0.366	0.45512
492053.98	3608123.1	0.056	0.230	0.28579
492109.27	3608145.22	0.071	0.291	0.36243
492058.59	3608100.06	0.045	0.183	0.22777
492123.1	3608113.89	0.055	0.223	0.27803
492135.08	3608094.53	0.047	0.191	0.23777

492076.1	3608065.04	0.033	0.135	0.16791
492085.31	3608030.02	0.024	0.100	0.12463
492139.69	3608065.96	0.037	0.151	0.18852
492139.69	3608212.5	0.111	0.456	0.56753
492183.92	3608227.24	0.106	0.434	0.53952
492143.37	3608192.22	0.097	0.398	0.49491
492194.98	3608204.2	0.092	0.376	0.46815
492203.28	3608183.01	0.081	0.330	0.41110
492151.67	3608153.52	0.073	0.301	0.37404
492197.75	3608162.73	0.073	0.298	0.37081
492159.04	3608135.08	0.064	0.261	0.32507
492164.57	3608118.49	0.056	0.231	0.28689
492219.86	3608141.53	0.062	0.254	0.31585
492223.55	3608114.81	0.053	0.215	0.26778
492231.84	3608098.22	0.047	0.193	0.23990
492170.1	3608097.3	0.048	0.197	0.24488
492180.24	3608077.94	0.042	0.171	0.21229
492183.92	3608055.83	0.035	0.145	0.18049
492218.94	3608068.73	0.039	0.160	0.19931
492246.59	3608230.01	0.088	0.360	0.44794
492239.22	3608207.89	0.083	0.339	0.42189
492241.98	3608194.07	0.078	0.318	0.39516
492246.59	3608176.56	0.071	0.290	0.36110
492257.65	3608163.65	0.065	0.267	0.33169
492261.34	3608145.22	0.059	0.242	0.30103
492266.87	3608124.02	0.053	0.215	0.26755
492272.39	3608108.36	0.048	0.196	0.24434
492277.92	3608094.53	0.044	0.181	0.22524
492285.3	3608081.63	0.041	0.167	0.20838
491685.34	3608168.26	0.006	0.024	0.02927
491689.95	3608145.22	0.005	0.020	0.02479
491694.56	3608131.4	0.004	0.018	0.02284
491698.24	3608118.49	0.004	0.017	0.02116
491701.01	3608105.59	0.004	0.016	0.01955

491703.77	3608093.61	0.004	0.015	0.01824
491707.46	3608079.79	0.003	0.014	0.01694
491713.91	3608070.57	0.003	0.013	0.01657
491715.75	3608058.59	0.003	0.012	0.01547
491720.36	3608046.61	0.003	0.012	0.01473
491732.34	3608014.36	0.003	0.010	0.01298
491735.11	3608002.37	0.002	0.010	0.01228
491735.11	3607991.32	0.002	0.009	0.01152
491744.32	3607980.26	0.002	0.009	0.01142
491747.09	3607967.35	0.002	0.009	0.01079
491755.38	3607954.45	0.002	0.008	0.01054
491759.07	3607939.71	0.002	0.008	0.00993
491636.5	3608156.28	0.004	0.016	0.02023
491618.06	3608148.91	0.003	0.014	0.01773
491598.71	3608143.38	0.003	0.013	0.01587
491579.36	3608134.16	0.003	0.011	0.01402
491565.53	3608132.32	0.003	0.011	0.01326
491548.94	3608123.1	0.002	0.010	0.01196
491654.01	3608119.42	0.003	0.013	0.01675
491663.22	3608133.24	0.004	0.016	0.01934
491657.69	3608106.51	0.003	0.013	0.01557
491663.22	3608094.53	0.003	0.012	0.01472
491674.28	3608094.53	0.003	0.012	0.01552
491681.65	3608086.24	0.003	0.012	0.01524
491686.26	3608072.42	0.003	0.011	0.01426
491663.22	3608078.87	0.003	0.011	0.01329
491671.52	3608072.42	0.003	0.011	0.01325
491676.12	3608058.59	0.002	0.010	0.01242
491678.89	3608048.45	0.002	0.010	0.01183
491690.87	3608053.98	0.003	0.010	0.01300
491695.48	3608035.55	0.002	0.010	0.01191
491701.93	3608024.49	0.002	0.009	0.01155
491624.52	3608121.26	0.003	0.012	0.01506
491615.3	3608116.65	0.003	0.011	0.01414

491603.32	3608112.97	0.003	0.011	0.01329
491590.42	3608107.44	0.002	0.010	0.01235
491582.12	3608104.67	0.002	0.010	0.01187
491567.38	3608101.91	0.002	0.009	0.01122
491553.55	3608094.53	0.002	0.008	0.01039
491560	3608079.79	0.002	0.008	0.00975
491571.98	3608083.47	0.002	0.008	0.01024
491585.81	3608088.08	0.002	0.009	0.01089
491599.63	3608094.53	0.002	0.009	0.01174
491614.38	3608097.3	0.002	0.010	0.01248
491626.36	3608102.83	0.003	0.011	0.01344
491630.97	3608077.94	0.002	0.009	0.01169
491613.46	3608071.49	0.002	0.009	0.01065
491635.57	3608062.28	0.002	0.009	0.01080
491647.56	3608065.04	0.002	0.009	0.01145
491568.3	3608046.61	0.002	0.007	0.00833
491556.32	3608038.32	0.002	0.006	0.00780
491572.91	3608032.79	0.002	0.006	0.00783
491594.1	3608048.45	0.002	0.007	0.00890
491589.49	3608035.55	0.002	0.007	0.00822
491608.85	3608039.24	0.002	0.007	0.00877
491612.53	3608025.41	0.002	0.007	0.00822
491625.44	3608040.16	0.002	0.007	0.00922
491636.5	3608029.1	0.002	0.007	0.00897
491654.01	3608027.26	0.002	0.008	0.00943
491643.87	3608011.59	0.002	0.007	0.00836
491667.83	3608015.28	0.002	0.007	0.00932
491689.03	3607995	0.002	0.007	0.00919
491681.65	3607976.57	0.002	0.006	0.00808
491704.69	3607986.71	0.002	0.008	0.00949
491713.91	3607971.96	0.002	0.007	0.00921
491725.89	3607958.14	0.002	0.007	0.00913
491711.15	3607949.84	0.002	0.007	0.00812
491729.58	3607943.39	0.002	0.007	0.00863

491714.83	3607935.1	0.002	0.006	0.00770
491724.97	3607923.12	0.001	0.006	0.00764
491737.87	3607928.65	0.002	0.007	0.00837
491735.11	3607910.22	0.001	0.006	0.00755
491558.16	3608010.67	0.001	0.005	0.00683
491579.36	3607998.69	0.001	0.005	0.00669
491595.95	3608003.3	0.001	0.006	0.00706
491613.46	3607995.92	0.001	0.006	0.00708
491599.63	3607983.94	0.001	0.005	0.00647
491623.59	3607979.33	0.001	0.005	0.00669
491640.18	3607983.02	0.001	0.006	0.00714
491660.46	3607968.28	0.001	0.006	0.00712
491659.54	3607951.69	0.001	0.005	0.00656
491677.05	3607950.77	0.001	0.006	0.00699
491682.58	3607937.86	0.001	0.005	0.00673
491670.6	3607928.65	0.001	0.005	0.00616
491694.56	3607921.27	0.001	0.005	0.00657
491682.58	3607913.9	0.001	0.005	0.00605
491682.58	3607901.92	0.001	0.005	0.00575
491705.62	3607902.84	0.001	0.005	0.00636
491561.62	3607964.09	0.001	0.004	0.00552
491578.12	3607959.66	0.001	0.004	0.00555
491573.42	3607943.99	0.001	0.004	0.00514
491600.84	3607959.66	0.001	0.005	0.00579
491591.44	3607944.77	0.001	0.004	0.00531
491603.97	3607934.59	0.001	0.004	0.00520
491615.72	3607947.91	0.001	0.005	0.00567
491636.09	3607933.02	0.001	0.004	0.00559
491625.12	3607917.35	0.001	0.004	0.00507
491644.71	3607918.92	0.001	0.004	0.00540
491642.36	3607896.99	0.001	0.004	0.00489
491658.03	3607905.6	0.001	0.004	0.00533
491665.08	3607887.59	0.001	0.004	0.00507
491647.06	3607883.67	0.001	0.004	0.00470

491564.8	3607922.84	0.001	0.004	0.00464
491587.52	3607913.44	0.001	0.004	0.00461
491573.42	3607903.25	0.001	0.003	0.00432
491607.11	3607896.2	0.001	0.004	0.00445
491603.97	3607878.97	0.001	0.003	0.00413
491621.99	3607877.4	0.001	0.003	0.00427
491892.25	3607962.79	0.005	0.021	0.02635
491943.96	3607975.32	0.008	0.033	0.04044
491586.79	3608712.31	0.025	0.103	0.12788
491579.14	3608732.72	0.022	0.089	0.11088
491579.14	3608751.86	0.020	0.080	0.09934
491563.83	3608778.64	0.016	0.067	0.08312
491558.73	3608797.78	0.015	0.060	0.07459
491545.97	3608824.57	0.013	0.051	0.06405
491543.42	3608838.6	0.012	0.048	0.05975
491534.49	3608869.21	0.010	0.041	0.05144
491635.26	3608725.07	0.026	0.105	0.13010
491665.88	3608731.45	0.025	0.102	0.12713
491654.4	3608756.96	0.021	0.084	0.10501
491627.61	3608748.03	0.022	0.088	0.10985
491621.23	3608764.61	0.019	0.079	0.09791
491651.85	3608772.27	0.019	0.076	0.09450
491635.26	3608823.29	0.013	0.055	0.06869
491608.48	3608810.54	0.014	0.059	0.07353
491603.37	3608829.67	0.013	0.053	0.06594
491627.61	3608838.6	0.012	0.051	0.06300
491622.51	3608866.66	0.011	0.044	0.05420
491590.62	3608859.01	0.011	0.045	0.05628
491586.79	3608875.59	0.010	0.042	0.05177
491617.41	3608884.52	0.010	0.040	0.04953
491707.97	3608753.13	0.021	0.087	0.10877
491702.87	3608768.44	0.019	0.078	0.09726
491696.49	3608791.4	0.016	0.067	0.08315
491688.84	3608805.43	0.015	0.061	0.07601

491683.74	3608834.77	0.013	0.051	0.06371
491674.81	3608851.36	0.011	0.047	0.05809
491669.71	3608874.32	0.010	0.041	0.05139
491667.15	3608903.66	0.009	0.036	0.04432
491741.14	3608758.23	0.021	0.085	0.10611
491733.49	3608772.27	0.019	0.077	0.09552
491727.11	3608797.78	0.016	0.064	0.08022
491720.73	3608809.26	0.015	0.060	0.07441
491711.8	3608833.5	0.013	0.052	0.06416
491706.7	3608855.18	0.011	0.046	0.05671
491701.6	3608871.77	0.010	0.042	0.05185
491699.05	3608899.83	0.009	0.036	0.04494
491778.13	3608770.99	0.020	0.080	0.10011
491773.03	3608791.4	0.017	0.070	0.08667
491762.83	3608811.81	0.015	0.061	0.07530
491760.28	3608828.39	0.013	0.055	0.06795
491755.17	3608851.36	0.012	0.048	0.05931
491747.52	3608869.21	0.011	0.043	0.05350
491738.59	3608884.52	0.010	0.039	0.04911
491738.59	3608902.38	0.009	0.036	0.04493
491804.92	3608781.2	0.019	0.077	0.09607
491802.37	3608806.71	0.016	0.065	0.08116
491789.61	3608822.02	0.014	0.059	0.07282
491788.34	3608839.87	0.013	0.053	0.06547
491774.31	3608853.91	0.012	0.048	0.05956
491778.13	3608875.59	0.010	0.043	0.05322
491773.03	3608892.17	0.010	0.039	0.04862
491770.48	3608916.41	0.008	0.035	0.04308
491848.29	3608793.95	0.018	0.073	0.09112
491845.74	3608815.64	0.016	0.064	0.07963
491835.54	3608834.77	0.014	0.057	0.07071
491829.16	3608859.01	0.012	0.049	0.06142
491824.06	3608874.32	0.011	0.045	0.05634
491824.06	3608890.9	0.010	0.042	0.05171

491820.23	3608904.93	0.009	0.039	0.04804
491818.95	3608924.07	0.009	0.035	0.04375
491817.68	3608940.65	0.008	0.033	0.04046
491873.81	3608822.02	0.015	0.062	0.07734
491864.88	3608842.43	0.014	0.055	0.06881
491859.77	3608864.11	0.012	0.049	0.06107
491855.95	3608878.14	0.011	0.046	0.05663
491849.57	3608899.83	0.010	0.041	0.05054
491857.22	3608915.14	0.009	0.038	0.04719
491869.98	3608930.44	0.009	0.036	0.04430
491890.39	3608932.99	0.009	0.036	0.04424
491915.9	3608818.19	0.015	0.063	0.07789
491914.63	3608838.6	0.014	0.056	0.06989
491904.42	3608855.18	0.013	0.052	0.06439
491903.14	3608874.32	0.011	0.047	0.05848
491895.49	3608897.28	0.010	0.042	0.05229
491915.9	3608899.83	0.010	0.042	0.05165
491936.31	3608902.38	0.010	0.041	0.05075
491952.89	3608910.03	0.010	0.039	0.04864
491966.93	3608922.79	0.009	0.037	0.04564
491923.55	3608947.03	0.008	0.034	0.04186
491945.24	3608961.06	0.008	0.032	0.03939
491737.31	3608925.34	0.008	0.032	0.04025
CONCUNIT ug	m^3	0.000	0.000	0.00000
DEPUNIT g/m	2	0.000	0.000	0.00000

Moss Street

Tier III 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 $(ug/m3)^{-1}$
2019	1	1	261	1	0.25	1.0
2020	1	1	261	1	1	3.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street **Tier III mitigation** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Adult Cancer 2019 (/million)	Adult Cancer 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	0.287	1.173	1.45998
491770.82	3608296.56	0.038	0.157	0.19567
491786.69	3608300.4	0.077	0.316	0.39255
491777.07	3608270.58	0.017	0.071	0.08792
491794.39	3608275.87	0.033	0.134	0.16627
491789.88	3608254.44	0.014	0.058	0.07214
491793.88	3608239.79	0.010	0.042	0.05230
491796.54	3608225.81	0.008	0.032	0.03935
491799.2	3608213.16	0.006	0.025	0.03149
491804.53	3608198.51	0.005	0.021	0.02586
491835.16	3608317.03	0.180	0.737	0.91736
491837.82	3608303.71	0.124	0.506	0.62907
491843.81	3608287.73	0.078	0.321	0.39969
491851.14	3608274.41	0.056	0.229	0.28483
491863.07	3608247.22	0.030	0.124	0.15491
491867.68	3608231.55	0.022	0.090	0.11249
491875.05	3608218.65	0.018	0.073	0.09069
491878.74	3608195.61	0.012	0.048	0.05971
491885.19	3608177.18	0.009	0.036	0.04541
491807.78	3608183.63	0.004	0.017	0.02092
491812.39	3608167.97	0.003	0.014	0.01735
491819.76	3608146.77	0.003	0.011	0.01398
491840.03	3608155.06	0.004	0.016	0.01994
491868.6	3608170.73	0.007	0.028	0.03493
491865.26	3608414.36	0.268	1.095	1.36268
491867.52	3608403.04	0.274	1.120	1.39447
491872.05	3608392.29	0.269	1.099	1.36716
491874.88	3608377.58	0.271	1.109	1.38071
491886.76	3608431.91	0.177	0.722	0.89852
491890.73	3608422.29	0.177	0.725	0.90173
491896.39	3608409.84	0.175	0.717	0.89205
491900.35	3608397.38	0.176	0.718	0.89314
491903.74	3608384.93	0.175	0.715	0.88970
491912.8	3608444.92	0.117	0.479	0.59562
491917.89	3608432.47	0.120	0.489	0.60877
491921.29	3608418.89	0.124	0.507	0.63059

Maximum Caner Risk
1.5
SDAQMD threshold of significance
10
Exceed thresholds?
No

491926.95	3608408.14	0.122	0.499	0.62137
491930.91	3608396.25	0.122	0.499	0.62075
491950.72	3608425.12	0.088	0.362	0.44995
491954.11	3608416.06	0.089	0.365	0.45451
491959.21	3608404.74	0.089	0.364	0.45248
491984.11	3608467.56	0.050	0.205	0.25454
491987.5	3608453.98	0.054	0.220	0.27349
491993.16	3608442.66	0.055	0.226	0.28083
491998.26	3608432.47	0.056	0.229	0.28531
492002.22	3608421.15	0.057	0.235	0.29185
492012.41	3608475.49	0.038	0.155	0.19331
492015.24	3608463.6	0.041	0.166	0.20699
492020.9	3608451.15	0.042	0.173	0.21578
492024.29	3608441.53	0.044	0.179	0.22279
492028.25	3608428.51	0.045	0.186	0.23141
492037.31	3608486.24	0.030	0.121	0.15026
492042.4	3608472.09	0.032	0.130	0.16183
492046.36	3608461.34	0.033	0.136	0.16967
492050.89	3608450.58	0.035	0.141	0.17595
492055.42	3608440.4	0.035	0.145	0.18060
492065.61	3608493.6	0.023	0.096	0.11959
492069	3608481.15	0.025	0.103	0.12870
492075.23	3608469.26	0.026	0.108	0.13454
492078.06	3608457.38	0.028	0.114	0.14236
492082.59	3608446.62	0.029	0.118	0.14707
491873.18	3608334.56	0.232	0.947	1.17916
491929.78	3608349.84	0.125	0.512	0.63712
491879.97	3608317.02	0.153	0.626	0.77850
491893.22	3608305.33	0.111	0.454	0.56554
491889.89	3608289.35	0.082	0.336	0.41863
491907.21	3608277.37	0.063	0.257	0.32013
491909.87	3608246.74	0.036	0.147	0.18320
491914.53	3608232.76	0.028	0.116	0.14375
491920.52	3608219.44	0.023	0.093	0.11589
491923.85	3608203.46	0.018	0.072	0.08961
491922.52	3608187.48	0.013	0.055	0.06864
491933.84	3608176.16	0.012	0.049	0.06056
491936.5	3608332.63	0.107	0.436	0.54224
491945.82	3608306.66	0.079	0.322	0.40044
491948.49	3608292.02	0.066	0.270	0.33549
491954.48	3608266.71	0.047	0.192	0.23877
491965.8	3608249.4	0.036	0.149	0.18532
491959.81	3608230.76	0.028	0.117	0.14505
491973.12	3608219.44	0.024	0.100	0.12409

491965.13	3608198.8	0.018	0.075	0.09303
491987.11	3608190.14	0.017	0.069	0.08537
491975.79	3608366.59	0.081	0.332	0.41353
491980.45	3608353.27	0.077	0.315	0.39158
491988.44	3608337.29	0.069	0.282	0.35153
491991.77	3608319.32	0.062	0.254	0.31671
492001.09	3608294.68	0.050	0.205	0.25513
492006.41	3608282.03	0.044	0.181	0.22517
492013.07	3608266.05	0.038	0.154	0.19119
492013.07	3608251.4	0.033	0.134	0.16721
492028.39	3608241.41	0.029	0.117	0.14546
492019.07	3608222.77	0.024	0.099	0.12371
492045.7	3608210.78	0.021	0.084	0.10515
492031.05	3608385.23	0.051	0.209	0.26061
492035.71	3608369.92	0.050	0.206	0.25612
492027.06	3608353.27	0.053	0.218	0.27160
492046.36	3608339.96	0.046	0.188	0.23339
492040.37	3608324.64	0.046	0.188	0.23373
492057.02	3608313.32	0.040	0.163	0.20344
492055.69	3608297.34	0.038	0.154	0.19189
492059.02	3608282.03	0.034	0.140	0.17439
492069.67	3608270.04	0.030	0.125	0.15511
492061.68	3608253.4	0.028	0.115	0.14374
492078.32	3608241.41	0.025	0.100	0.12474
492079.66	3608226.76	0.022	0.090	0.11171
492069.51	3608395.3	0.038	0.157	0.19528
492076.17	3608375.99	0.038	0.155	0.19352
492085.49	3608364.01	0.036	0.148	0.18420
492102.14	3608406.62	0.030	0.124	0.15411
492129.44	3608410.61	0.026	0.104	0.12978
492095.48	3608352.69	0.034	0.139	0.17358
492094.15	3608336.04	0.034	0.139	0.17288
492135.43	3608348.69	0.027	0.111	0.13832
492101.47	3608312.74	0.031	0.128	0.15882
492120.78	3608244.15	0.022	0.088	0.10989
492106.8	3608297.42	0.029	0.119	0.14781
492168.06	3608256.14	0.019	0.079	0.09787
491832.47	3608106.99	0.002	0.008	0.00970
491853.78	3608116.31	0.003	0.011	0.01344
491874.42	3608123.64	0.004	0.015	0.01805
491899.72	3608128.96	0.005	0.019	0.02424
491836.47	3608093.01	0.002	0.007	0.00861
491877.09	3608106.33	0.003	0.012	0.01472
491905.05	3608118.98	0.004	0.018	0.02204

491907.71	3608101.66	0.004	0.014	0.01792
491883.74	3608091.01	0.003	0.010	0.01291
491848.45	3608065.04	0.001	0.006	0.00714
491853.12	3608053.06	0.001	0.005	0.00660
491873.09	3608063.05	0.002	0.007	0.00862
491909.71	3608072.37	0.003	0.010	0.01277
491921.03	3608059.05	0.002	0.010	0.01195
491925.69	3608040.41	0.002	0.008	0.01011
491856.44	3608031.75	0.001	0.004	0.00554
491867.1	3608010.44	0.001	0.004	0.00498
491875.09	3607976.49	0.001	0.003	0.00398
491918.37	3607991.8	0.001	0.005	0.00604
491945	3608000.46	0.002	0.006	0.00775
491935.09	3608141.53	0.007	0.029	0.03662
491960.9	3608152.59	0.009	0.039	0.04836
491988.54	3608164.57	0.012	0.050	0.06176
491946.15	3608114.81	0.005	0.022	0.02716
491988.54	3608129.55	0.008	0.032	0.03980
492018.04	3608107.44	0.007	0.027	0.03382
491955.37	3608089	0.004	0.017	0.02074
491963.66	3608059.51	0.003	0.012	0.01548
491984.86	3608059.51	0.003	0.014	0.01732
492031.86	3608066.89	0.004	0.018	0.02285
492020.8	3608040.16	0.003	0.013	0.01671
491977.49	3608027.26	0.002	0.010	0.01198
491983.94	3608007.9	0.002	0.008	0.01030
492044.76	3608018.04	0.003	0.012	0.01488
492048.45	3608001.45	0.003	0.010	0.01298
491999.6	3607989.47	0.002	0.008	0.00942
492038.31	3608171.95	0.014	0.057	0.07143
492047.53	3608155.36	0.012	0.048	0.06027
492086.23	3608187.61	0.016	0.065	0.08051
492095.45	3608171.03	0.014	0.056	0.06922
492053.98	3608123.1	0.009	0.035	0.04347
492109.27	3608145.22	0.011	0.044	0.05513
492058.59	3608100.06	0.007	0.028	0.03464
492123.1	3608113.89	0.008	0.034	0.04229
492135.08	3608094.53	0.007	0.029	0.03616
492076.1	3608065.04	0.005	0.021	0.02554
492085.31	3608030.02	0.004	0.015	0.01896
492139.69	3608065.96	0.006	0.023	0.02867
492139.69	3608212.5	0.017	0.069	0.08632
492183.92	3608227.24	0.016	0.066	0.08206
492143.37	3608192.22	0.015	0.060	0.07528

492194.98	3608204.2	0.014	0.057	0.07120
492203.28	3608183.01	0.012	0.050	0.06253
492151.67	3608153.52	0.011	0.046	0.05689
492197.75	3608162.73	0.011	0.045	0.05640
492159.04	3608135.08	0.010	0.040	0.04944
492164.57	3608118.49	0.009	0.035	0.04364
492219.86	3608141.53	0.009	0.039	0.04804
492223.55	3608114.81	0.008	0.033	0.04073
492231.84	3608098.22	0.007	0.029	0.03649
492170.1	3608097.3	0.007	0.030	0.03725
492180.24	3608077.94	0.006	0.026	0.03229
492183.92	3608055.83	0.005	0.022	0.02745
492218.94	3608068.73	0.006	0.024	0.03032
492246.59	3608230.01	0.013	0.055	0.06813
492239.22	3608207.89	0.013	0.052	0.06417
492241.98	3608194.07	0.012	0.048	0.06010
492246.59	3608176.56	0.011	0.044	0.05492
492257.65	3608163.65	0.010	0.041	0.05045
492261.34	3608145.22	0.009	0.037	0.04579
492266.87	3608124.02	0.008	0.033	0.04069
492272.39	3608108.36	0.007	0.030	0.03716
492277.92	3608094.53	0.007	0.028	0.03426
492285.3	3608081.63	0.006	0.025	0.03169
491685.34	3608168.26	0.001	0.004	0.00445
491689.95	3608145.22	0.001	0.003	0.00377
491694.56	3608131.4	0.001	0.003	0.00347
491698.24	3608118.49	0.001	0.003	0.00322
491701.01	3608105.59	0.001	0.002	0.00297
491703.77	3608093.61	0.001	0.002	0.00277
491707.46	3608079.79	0.001	0.002	0.00258
491713.91	3608070.57	0.000	0.002	0.00252
491715.75	3608058.59	0.000	0.002	0.00235
491720.36	3608046.61	0.000	0.002	0.00224
491732.34	3608014.36	0.000	0.002	0.00197
491735.11	3608002.37	0.000	0.002	0.00187
491735.11	3607991.32	0.000	0.001	0.00175
491744.32	3607980.26	0.000	0.001	0.00174
491747.09	3607967.35	0.000	0.001	0.00164
491755.38	3607954.45	0.000	0.001	0.00160
491759.07	3607939.71	0.000	0.001	0.00151
491636.5	3608156.28	0.001	0.002	0.00308
491618.06	3608148.91	0.001	0.002	0.00270
491598.71	3608143.38	0.000	0.002	0.00241
491579.36	3608134.16	0.000	0.002	0.00213

491565.53	3608132.32	0.000	0.002	0.00202
491548.94	3608123.1	0.000	0.001	0.00182
491654.01	3608119.42	0.000	0.002	0.00255
491663.22	3608133.24	0.001	0.002	0.00294
491657.69	3608106.51	0.000	0.002	0.00237
491663.22	3608094.53	0.000	0.002	0.00224
491674.28	3608094.53	0.000	0.002	0.00236
491681.65	3608086.24	0.000	0.002	0.00232
491686.26	3608072.42	0.000	0.002	0.00217
491663.22	3608078.87	0.000	0.002	0.00202
491671.52	3608072.42	0.000	0.002	0.00202
491676.12	3608058.59	0.000	0.002	0.00189
491678.89	3608048.45	0.000	0.001	0.00180
491690.87	3608053.98	0.000	0.002	0.00198
491695.48	3608035.55	0.000	0.001	0.00181
491701.93	3608024.49	0.000	0.001	0.00176
491624.52	3608121.26	0.000	0.002	0.00229
491615.3	3608116.65	0.000	0.002	0.00215
491603.32	3608112.97	0.000	0.002	0.00202
491590.42	3608107.44	0.000	0.002	0.00188
491582.12	3608104.67	0.000	0.001	0.00180
491567.38	3608101.91	0.000	0.001	0.00171
491553.55	3608094.53	0.000	0.001	0.00158
491560	3608079.79	0.000	0.001	0.00148
491571.98	3608083.47	0.000	0.001	0.00156
491585.81	3608088.08	0.000	0.001	0.00166
491599.63	3608094.53	0.000	0.001	0.00179
491614.38	3608097.3	0.000	0.002	0.00190
491626.36	3608102.83	0.000	0.002	0.00204
491630.97	3608077.94	0.000	0.001	0.00178
491613.46	3608071.49	0.000	0.001	0.00162
491635.57	3608062.28	0.000	0.001	0.00164
491647.56	3608065.04	0.000	0.001	0.00174
491568.3	3608046.61	0.000	0.001	0.00127
491556.32	3608038.32	0.000	0.001	0.00119
491572.91	3608032.79	0.000	0.001	0.00119
491594.1	3608048.45	0.000	0.001	0.00135
491589.49	3608035.55	0.000	0.001	0.00125
491608.85	3608039.24	0.000	0.001	0.00133
491612.53	3608025.41	0.000	0.001	0.00125
491625.44	3608040.16	0.000	0.001	0.00140
491636.5	3608029.1	0.000	0.001	0.00136
491654.01	3608027.26	0.000	0.001	0.00143
491643.87	3608011.59	0.000	0.001	0.00127

491667.83	3608015.28	0.000	0.001	0.00142
491689.03	3607995	0.000	0.001	0.00140
491681.65	3607976.57	0.000	0.001	0.00123
491704.69	3607986.71	0.000	0.001	0.00144
491713.91	3607971.96	0.000	0.001	0.00140
491725.89	3607958.14	0.000	0.001	0.00139
491711.15	3607949.84	0.000	0.001	0.00124
491729.58	3607943.39	0.000	0.001	0.00131
491714.83	3607935.1	0.000	0.001	0.00117
491724.97	3607923.12	0.000	0.001	0.00116
491737.87	3607928.65	0.000	0.001	0.00127
491735.11	3607910.22	0.000	0.001	0.00115
491558.16	3608010.67	0.000	0.001	0.00104
491579.36	3607998.69	0.000	0.001	0.00102
491595.95	3608003.3	0.000	0.001	0.00107
491613.46	3607995.92	0.000	0.001	0.00108
491599.63	3607983.94	0.000	0.001	0.00098
491623.59	3607979.33	0.000	0.001	0.00102
491640.18	3607983.02	0.000	0.001	0.00109
491660.46	3607968.28	0.000	0.001	0.00108
491659.54	3607951.69	0.000	0.001	0.00100
491677.05	3607950.77	0.000	0.001	0.00106
491682.58	3607937.86	0.000	0.001	0.00102
491670.6	3607928.65	0.000	0.001	0.00094
491694.56	3607921.27	0.000	0.001	0.00100
491682.58	3607913.9	0.000	0.001	0.00092
491682.58	3607901.92	0.000	0.001	0.00087
491705.62	3607902.84	0.000	0.001	0.00097
491561.62	3607964.09	0.000	0.001	0.00084
491578.12	3607959.66	0.000	0.001	0.00084
491573.42	3607943.99	0.000	0.001	0.00078
491600.84	3607959.66	0.000	0.001	0.00088
491591.44	3607944.77	0.000	0.001	0.00081
491603.97	3607934.59	0.000	0.001	0.00079
491615.72	3607947.91	0.000	0.001	0.00086
491636.09	3607933.02	0.000	0.001	0.00085
491625.12	3607917.35	0.000	0.001	0.00077
491644.71	3607918.92	0.000	0.001	0.00082
491642.36	3607896.99	0.000	0.001	0.00074
491658.03	3607905.6	0.000	0.001	0.00081
491665.08	3607887.59	0.000	0.001	0.00077
491647.06	3607883.67	0.000	0.001	0.00071
491564.8	3607922.84	0.000	0.001	0.00071

491587.52	3607913.44	0.000	0.001	0.00070
491573.42	3607903.25	0.000	0.001	0.00066
491607.11	3607896.2	0.000	0.001	0.00068
491603.97	3607878.97	0.000	0.001	0.00063
491621.99	3607877.4	0.000	0.001	0.00065
491892.25	3607962.79	0.001	0.003	0.00401
491943.96	3607975.32	0.001	0.005	0.00615
491586.79	3608712.31	0.004	0.016	0.01945
491579.14	3608732.72	0.003	0.014	0.01686
491579.14	3608751.86	0.003	0.012	0.01511
491563.83	3608778.64	0.002	0.010	0.01264
491558.73	3608797.78	0.002	0.009	0.01135
491545.97	3608824.57	0.002	0.008	0.00974
491543.42	3608838.6	0.002	0.007	0.00909
491534.49	3608869.21	0.002	0.006	0.00782
491635.26	3608725.07	0.004	0.016	0.01979
491665.88	3608731.45	0.004	0.016	0.01934
491654.4	3608756.96	0.003	0.013	0.01597
491627.61	3608748.03	0.003	0.013	0.01671
491621.23	3608764.61	0.003	0.012	0.01489
491651.85	3608772.27	0.003	0.012	0.01437
491635.26	3608823.29	0.002	0.008	0.01045
491608.48	3608810.54	0.002	0.009	0.01118
491603.37	3608829.67	0.002	0.008	0.01003
491627.61	3608838.6	0.002	0.008	0.00958
491622.51	3608866.66	0.002	0.007	0.00824
491590.62	3608859.01	0.002	0.007	0.00856
491586.79	3608875.59	0.002	0.006	0.00787
491617.41	3608884.52	0.001	0.006	0.00753
491707.97	3608753.13	0.003	0.013	0.01654
491702.87	3608768.44	0.003	0.012	0.01479
491696.49	3608791.4	0.002	0.010	0.01265
491688.84	3608805.43	0.002	0.009	0.01156
491683.74	3608834.77	0.002	0.008	0.00969
491674.81	3608851.36	0.002	0.007	0.00884
491669.71	3608874.32	0.002	0.006	0.00782
491667.15	3608903.66	0.001	0.005	0.00674
491741.14	3608758.23	0.003	0.013	0.01614
491733.49	3608772.27	0.003	0.012	0.01453
491727.11	3608797.78	0.002	0.010	0.01220
491720.73	3608809.26	0.002	0.009	0.01132
491711.8	3608833.5	0.002	0.008	0.00976
491706.7	3608855.18	0.002	0.007	0.00863
491701.6	3608871.77	0.002	0.006	0.00789

491699.05	3608899.83	0.001	0.005	0.00683
491778.13	3608770.99	0.003	0.012	0.01523
491773.03	3608791.4	0.003	0.011	0.01318
491762.83	3608811.81	0.002	0.009	0.01145
491760.28	3608828.39	0.002	0.008	0.01034
491755.17	3608851.36	0.002	0.007	0.00902
491747.52	3608869.21	0.002	0.007	0.00814
491738.59	3608884.52	0.001	0.006	0.00747
491738.59	3608902.38	0.001	0.005	0.00683
491804.92	3608781.2	0.003	0.012	0.01461
491802.37	3608806.71	0.002	0.010	0.01234
491789.61	3608822.02	0.002	0.009	0.01108
491788.34	3608839.87	0.002	0.008	0.00996
491774.31	3608853.91	0.002	0.007	0.00906
491778.13	3608875.59	0.002	0.007	0.00809
491773.03	3608892.17	0.001	0.006	0.00740
491770.48	3608916.41	0.001	0.005	0.00655
491848.29	3608793.95	0.003	0.011	0.01386
491845.74	3608815.64	0.002	0.010	0.01211
491835.54	3608834.77	0.002	0.009	0.01076
491829.16	3608859.01	0.002	0.008	0.00934
491824.06	3608874.32	0.002	0.007	0.00857
491824.06	3608890.9	0.002	0.006	0.00787
491820.23	3608904.93	0.001	0.006	0.00731
491818.95	3608924.07	0.001	0.005	0.00665
491817.68	3608940.65	0.001	0.005	0.00615
491873.81	3608822.02	0.002	0.009	0.01176
491864.88	3608842.43	0.002	0.008	0.01047
491859.77	3608864.11	0.002	0.007	0.00929
491855.95	3608878.14	0.002	0.007	0.00861
491849.57	3608899.83	0.002	0.006	0.00769
491857.22	3608915.14	0.001	0.006	0.00718
491869.98	3608930.44	0.001	0.005	0.00674
491890.39	3608932.99	0.001	0.005	0.00673
491915.9	3608818.19	0.002	0.010	0.01185
491914.63	3608838.6	0.002	0.009	0.01063
491904.42	3608855.18	0.002	0.008	0.00979
491903.14	3608874.32	0.002	0.007	0.00889
491895.49	3608897.28	0.002	0.006	0.00795
491915.9	3608899.83	0.002	0.006	0.00786
491936.31	3608902.38	0.002	0.006	0.00772
491952.89	3608910.03	0.001	0.006	0.00740
491966.93	3608922.79	0.001	0.006	0.00694
491923.55	3608947.03	0.001	0.005	0.00637

491945.24	3608961.06	0.001	0.005	0.00599
491737.31	3608925.34	0.001	0.005	0.00612
CONCUNIT ug	m^3	0.000	0.000	
DEPUNIT g/m^	2	0.000	0.000	

Moss Street

Tier III mitigation
at Sensitive Receptors

Chronic Non-Cancer Hazard Index

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

CNCHI = DPM/REL

X (m)	Y (m)	2019 DPM (ug/m3)	2020 DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
491856.94	3608423.76	0.291792	0.298278	0.298278	0.05966
491770.82	3608296.56	0.038958	0.040013	0.040013	0.00800
491786.69	3608300.4	0.078321	0.080232	0.080232	0.01605
491777.07	3608270.58	0.017503	0.017978	0.017978	0.00360
491794.39	3608275.87	0.033164	0.033985	0.033985	0.00680
491789.88	3608254.44	0.014375	0.014749	0.014749	0.00295
491793.88	3608239.79	0.010421	0.010692	0.010692	0.00214
491796.54	3608225.81	0.007843	0.008046	0.008046	0.00161
491799.2	3608213.16	0.006277	0.006438	0.006438	0.00129
491804.53	3608198.51	0.005155	0.005287	0.005287	0.00106
491835.16	3608317.03	0.183286	0.187434	0.187434	0.03749
491837.82	3608303.71	0.125669	0.128534	0.128534	0.02571
491843.81	3608287.73	0.079837	0.081669	0.081669	0.01633
491851.14	3608274.41	0.05689	0.058201	0.058201	0.01164
491863.07	3608247.22	0.030937	0.031655	0.031655	0.00633
491867.68	3608231.55	0.022464	0.022988	0.022988	0.00460
491875.05	3608218.65	0.01811	0.018533	0.018533	0.00371
491878.74	3608195.61	0.011922	0.012202	0.012202	0.00244
491885.19	3608177.18	0.009066	0.009279	0.009279	0.00186
491807.78	3608183.63	0.004171	0.004276	0.004276	0.00086
491812.39	3608167.97	0.00346	0.003546	0.003546	0.00071
491819.76	3608146.77	0.002788	0.002856	0.002856	0.00057
491840.03	3608155.06	0.003978	0.004074	0.004074	0.00081

Maximum Caner Risk
0.06
SDAQMD threshold of significance
1
Exceed thresholds?
No

491868.6	3608170.73	0.006973	0.007138	0.007138	0.00143
491865.26	3608414.36	0.272343	0.278398	0.278398	0.05568
491867.52	3608403.04	0.278696	0.284893	0.284893	0.05698
491872.05	3608392.29	0.273237	0.279315	0.279315	0.05586
491874.88	3608377.58	0.275943	0.282083	0.282083	0.05642
491886.76	3608431.91	0.179577	0.18357	0.18357	0.03671
491890.73	3608422.29	0.180217	0.184226	0.184226	0.03685
491896.39	3608409.84	0.178282	0.182249	0.182249	0.03645
491900.35	3608397.38	0.1785	0.182472	0.182472	0.03649
491903.74	3608384.93	0.177811	0.18177	0.18177	0.03635
491912.8	3608444.92	0.119038	0.121686	0.121686	0.02434
491917.89	3608432.47	0.121667	0.124374	0.124374	0.02487
491921.29	3608418.89	0.126026	0.128831	0.128831	0.02577
491926.95	3608408.14	0.124184	0.126948	0.126948	0.02539
491930.91	3608396.25	0.124059	0.126821	0.126821	0.02536
491950.72	3608425.12	0.089924	0.091926	0.091926	0.01839
491954.11	3608416.06	0.090836	0.092859	0.092859	0.01857
491959.21	3608404.74	0.09043	0.092444	0.092444	0.01849
491984.11	3608467.56	0.05087	0.052002	0.052002	0.01040
491987.5	3608453.98	0.054657	0.055874	0.055874	0.01117
491993.16	3608442.66	0.056124	0.057374	0.057374	0.01147
491998.26	3608432.47	0.05702	0.058291	0.058291	0.01166
492002.22	3608421.15	0.058326	0.059626	0.059626	0.01193
492012.41	3608475.49	0.038633	0.039493	0.039493	0.00790
492015.24	3608463.6	0.041366	0.042288	0.042288	0.00846
492020.9	3608451.15	0.043125	0.044086	0.044086	0.00882
492024.29	3608441.53	0.044525	0.045517	0.045517	0.00910
492028.25	3608428.51	0.046248	0.047279	0.047279	0.00946
492037.31	3608486.24	0.030029	0.030698	0.030698	0.00614
492042.4	3608472.09	0.032342	0.033063	0.033063	0.00661
492046.36	3608461.34	0.033909	0.034665	0.034665	0.00693
492050.89	3608450.58	0.035164	0.035948	0.035948	0.00719
492055.42	3608440.4	0.036092	0.036897	0.036897	0.00738
492065.61	3608493.6	0.0239	0.024433	0.024433	0.00489

492069	3608481.15	0.025722	0.026295	0.026295	0.00526
492075.23	3608469.26	0.026888	0.027488	0.027488	0.00550
492078.06	3608457.38	0.028451	0.029085	0.029085	0.00582
492082.59	3608446.62	0.029391	0.030046	0.030046	0.00601
491873.18	3608334.56	0.235648	0.24091	0.24091	0.04818
491929.78	3608349.84	0.127325	0.130166	0.130166	0.02603
491879.97	3608317.02	0.155566	0.159054	0.159054	0.03181
491893.22	3608305.33	0.113007	0.115547	0.115547	0.02311
491889.89	3608289.35	0.083643	0.085533	0.085533	0.01711
491907.21	3608277.37	0.063961	0.065408	0.065408	0.01308
491909.87	3608246.74	0.036597	0.037432	0.037432	0.00749
491914.53	3608232.76	0.028716	0.029373	0.029373	0.00587
491920.52	3608219.44	0.023149	0.02368	0.02368	0.00474
491923.85	3608203.46	0.017899	0.018311	0.018311	0.00366
491922.52	3608187.48	0.013709	0.014026	0.014026	0.00281
491933.84	3608176.16	0.012096	0.012375	0.012375	0.00248
491936.5	3608332.63	0.10836	0.110782	0.110782	0.02216
491945.82	3608306.66	0.08002	0.081815	0.081815	0.01636
491948.49	3608292.02	0.067037	0.068544	0.068544	0.01371
491954.48	3608266.71	0.047709	0.048785	0.048785	0.00976
491965.8	3608249.4	0.037027	0.037865	0.037865	0.00757
491959.81	3608230.76	0.028978	0.029637	0.029637	0.00593
491973.12	3608219.44	0.024791	0.025354	0.025354	0.00507
491965.13	3608198.8	0.018585	0.019009	0.019009	0.00380
491987.11	3608190.14	0.017055	0.017443	0.017443	0.00349
491975.79	3608366.59	0.082643	0.084487	0.084487	0.01690
491980.45	3608353.27	0.078254	0.080002	0.080002	0.01600
491988.44	3608337.29	0.07025	0.07182	0.07182	0.01436
491991.77	3608319.32	0.063291	0.064707	0.064707	0.01294
492001.09	3608294.68	0.050981	0.052125	0.052125	0.01043
492006.41	3608282.03	0.044994	0.046004	0.046004	0.00920
492013.07	3608266.05	0.038202	0.039062	0.039062	0.00781
492013.07	3608251.4	0.03341	0.034163	0.034163	0.00683
492028.39	3608241.41	0.029065	0.029721	0.029721	0.00594

492019.07	3608222.77	0.024718	0.025277	0.025277	0.00506
492045.7	3608210.78	0.021009	0.021484	0.021484	0.00430
492031.05	3608385.23	0.052082	0.053244	0.053244	0.01065
492035.71	3608369.92	0.051184	0.052327	0.052327	0.01047
492027.06	3608353.27	0.054278	0.05549	0.05549	0.01110
492046.36	3608339.96	0.046641	0.047684	0.047684	0.00954
492040.37	3608324.64	0.046708	0.047754	0.047754	0.00955
492057.02	3608313.32	0.040655	0.041565	0.041565	0.00831
492055.69	3608297.34	0.038346	0.039205	0.039205	0.00784
492059.02	3608282.03	0.034848	0.03563	0.03563	0.00713
492069.67	3608270.04	0.030994	0.031691	0.031691	0.00634
492061.68	3608253.4	0.028721	0.029367	0.029367	0.00587
492078.32	3608241.41	0.024926	0.025487	0.025487	0.00510
492079.66	3608226.76	0.022322	0.022825	0.022825	0.00456
492069.51	3608395.3	0.039025	0.039896	0.039896	0.00798
492076.17	3608375.99	0.038674	0.039538	0.039538	0.00791
492085.49	3608364.01	0.036811	0.037633	0.037633	0.00753
492102.14	3608406.62	0.030798	0.031486	0.031486	0.00630
492129.44	3608410.61	0.025936	0.026515	0.026515	0.00530
492095.48	3608352.69	0.034688	0.035463	0.035463	0.00709
492094.15	3608336.04	0.034547	0.03532	0.03532	0.00706
492135.43	3608348.69	0.027641	0.028259	0.028259	0.00565
492101.47	3608312.74	0.031738	0.032449	0.032449	0.00649
492120.78	3608244.15	0.021958	0.022452	0.022452	0.00449
492106.8	3608297.42	0.029537	0.030199	0.030199	0.00604
492168.06	3608256.14	0.019557	0.019997	0.019997	0.00400
491832.47	3608106.99	0.001936	0.001983	0.001983	0.00040
491853.78	3608116.31	0.002682	0.002746	0.002746	0.00055
491874.42	3608123.64	0.003603	0.003688	0.003688	0.00074
491899.72	3608128.96	0.004841	0.004954	0.004954	0.00099
491836.47	3608093.01	0.001719	0.00176	0.00176	0.00035
491877.09	3608106.33	0.00294	0.003009	0.003009	0.00060
491905.05	3608118.98	0.004401	0.004504	0.004504	0.00090
491907.71	3608101.66	0.003579	0.003663	0.003663	0.00073

491883.74	3608091.01	0.002578	0.002639	0.002639	0.00053
491848.45	3608065.04	0.001426	0.00146	0.00146	0.00029
491853.12	3608053.06	0.001317	0.001348	0.001348	0.00027
491873.09	3608063.05	0.00172	0.001761	0.001761	0.00035
491909.71	3608072.37	0.002551	0.00261	0.00261	0.00052
491921.03	3608059.05	0.002386	0.002442	0.002442	0.00049
491925.69	3608040.41	0.00202	0.002067	0.002067	0.00041
491856.44	3608031.75	0.001107	0.001133	0.001133	0.00023
491867.1	3608010.44	0.000994	0.001017	0.001017	0.00020
491875.09	3607976.49	0.000795	0.000814	0.000814	0.00016
491918.37	3607991.8	0.001206	0.001234	0.001234	0.00025
491945	3608000.46	0.001549	0.001584	0.001584	0.00032
491935.09	3608141.53	0.007314	0.007484	0.007484	0.00150
491960.9	3608152.59	0.009659	0.009882	0.009882	0.00198
491988.54	3608164.57	0.012336	0.012619	0.012619	0.00252
491946.15	3608114.81	0.005424	0.00555	0.00555	0.00111
491988.54	3608129.55	0.00795	0.008133	0.008133	0.00163
492018.04	3608107.44	0.006756	0.006911	0.006911	0.00138
491955.37	3608089	0.004143	0.004239	0.004239	0.00085
491963.66	3608059.51	0.003092	0.003164	0.003164	0.00063
491984.86	3608059.51	0.003458	0.003538	0.003538	0.00071
492031.86	3608066.89	0.004565	0.00467	0.00467	0.00093
492020.8	3608040.16	0.003337	0.003414	0.003414	0.00068
491977.49	3608027.26	0.002393	0.002448	0.002448	0.00049
491983.94	3608007.9	0.002056	0.002104	0.002104	0.00042
492044.76	3608018.04	0.002972	0.00304	0.00304	0.00061
492048.45	3608001.45	0.002592	0.002651	0.002651	0.00053
491999.6	3607989.47	0.001881	0.001924	0.001924	0.00038
492038.31	3608171.95	0.014271	0.014595	0.014595	0.00292
492047.53	3608155.36	0.012041	0.012315	0.012315	0.00246
492086.23	3608187.61	0.016085	0.016449	0.016449	0.00329
492095.45	3608171.03	0.01383	0.014143	0.014143	0.00283
492053.98	3608123.1	0.008684	0.008881	0.008881	0.00178
492109.27	3608145.22	0.011013	0.011263	0.011263	0.00225

492058.59	3608100.06	0.00692	0.007078	0.007078	0.00142
492123.1	3608113.89	0.008449	0.00864	0.00864	0.00173
492135.08	3608094.53	0.007225	0.007389	0.007389	0.00148
492076.1	3608065.04	0.005102	0.005218	0.005218	0.00104
492085.31	3608030.02	0.003787	0.003873	0.003873	0.00077
492139.69	3608065.96	0.005728	0.005859	0.005859	0.00117
492139.69	3608212.5	0.017248	0.017636	0.017636	0.00353
492183.92	3608227.24	0.016397	0.016766	0.016766	0.00335
492143.37	3608192.22	0.015041	0.01538	0.01538	0.00308
492194.98	3608204.2	0.014228	0.014548	0.014548	0.00291
492203.28	3608183.01	0.012494	0.012775	0.012775	0.00256
492151.67	3608153.52	0.011367	0.011624	0.011624	0.00232
492197.75	3608162.73	0.011269	0.011523	0.011523	0.00230
492159.04	3608135.08	0.009878	0.010102	0.010102	0.00202
492164.57	3608118.49	0.008718	0.008916	0.008916	0.00178
492219.86	3608141.53	0.009599	0.009815	0.009815	0.00196
492223.55	3608114.81	0.008137	0.008321	0.008321	0.00166
492231.84	3608098.22	0.00729	0.007455	0.007455	0.00149
492170.1	3608097.3	0.007441	0.00761	0.00761	0.00152
492180.24	3608077.94	0.006451	0.006597	0.006597	0.00132
492183.92	3608055.83	0.005485	0.005609	0.005609	0.00112
492218.94	3608068.73	0.006057	0.006194	0.006194	0.00124
492246.59	3608230.01	0.013614	0.01392	0.01392	0.00278
492239.22	3608207.89	0.012822	0.01311	0.01311	0.00262
492241.98	3608194.07	0.012009	0.01228	0.01228	0.00246
492246.59	3608176.56	0.010974	0.011221	0.011221	0.00224
492257.65	3608163.65	0.01008	0.010308	0.010308	0.00206
492261.34	3608145.22	0.009148	0.009355	0.009355	0.00187
492266.87	3608124.02	0.008131	0.008314	0.008314	0.00166
492272.39	3608108.36	0.007425	0.007593	0.007593	0.00152
492277.92	3608094.53	0.006845	0.007	0.007	0.00140
492285.3	3608081.63	0.006333	0.006476	0.006476	0.00130
491685.34	3608168.26	0.000886	0.00091	0.00091	0.00018
491689.95	3608145.22	0.000751	0.000771	0.000771	0.00015

491694.56	3608131.4	0.000692	0.00071	0.00071	0.00014
491698.24	3608118.49	0.000641	0.000658	0.000658	0.00013
491701.01	3608105.59	0.000593	0.000608	0.000608	0.00012
491703.77	3608093.61	0.000553	0.000567	0.000567	0.00011
491707.46	3608079.79	0.000514	0.000527	0.000527	0.00011
491713.91	3608070.57	0.000503	0.000515	0.000515	0.00010
491715.75	3608058.59	0.000469	0.000481	0.000481	0.00010
491720.36	3608046.61	0.000447	0.000458	0.000458	0.00009
491732.34	3608014.36	0.000394	0.000403	0.000403	0.00008
491735.11	3608002.37	0.000373	0.000382	0.000382	0.00008
491735.11	3607991.32	0.00035	0.000358	0.000358	0.00007
491744.32	3607980.26	0.000347	0.000355	0.000355	0.00007
491747.09	3607967.35	0.000327	0.000335	0.000335	0.00007
491755.38	3607954.45	0.00032	0.000328	0.000328	0.00007
491759.07	3607939.71	0.000302	0.000309	0.000309	0.00006
491636.5	3608156.28	0.000613	0.000629	0.000629	0.00013
491618.06	3608148.91	0.000537	0.000551	0.000551	0.00011
491598.71	3608143.38	0.000481	0.000494	0.000494	0.00010
491579.36	3608134.16	0.000425	0.000436	0.000436	0.00009
491565.53	3608132.32	0.000402	0.000412	0.000412	0.00008
491548.94	3608123.1	0.000363	0.000372	0.000372	0.00007
491654.01	3608119.42	0.000508	0.000521	0.000521	0.00010
491663.22	3608133.24	0.000586	0.000601	0.000601	0.00012
491657.69	3608106.51	0.000472	0.000484	0.000484	0.00010
491663.22	3608094.53	0.000446	0.000458	0.000458	0.00009
491674.28	3608094.53	0.000471	0.000483	0.000483	0.00010
491681.65	3608086.24	0.000462	0.000474	0.000474	0.00009
491686.26	3608072.42	0.000432	0.000443	0.000443	0.00009
491663.22	3608078.87	0.000403	0.000413	0.000413	0.00008
491671.52	3608072.42	0.000402	0.000412	0.000412	0.00008
491676.12	3608058.59	0.000377	0.000386	0.000386	0.00008
491678.89	3608048.45	0.000359	0.000368	0.000368	0.00007
491690.87	3608053.98	0.000394	0.000404	0.000404	0.00008
491695.48	3608035.55	0.000361	0.00037	0.00037	0.00007

491701.93	3608024.49	0.00035	0.000359	0.000359	0.00007
491624.52	3608121.26	0.000456	0.000468	0.000468	0.00009
491615.3	3608116.65	0.000429	0.00044	0.00044	0.00009
491603.32	3608112.97	0.000403	0.000413	0.000413	0.00008
491590.42	3608107.44	0.000374	0.000384	0.000384	0.00008
491582.12	3608104.67	0.00036	0.000369	0.000369	0.00007
491567.38	3608101.91	0.00034	0.000349	0.000349	0.00007
491553.55	3608094.53	0.000315	0.000323	0.000323	0.00006
491560	3608079.79	0.000296	0.000303	0.000303	0.00006
491571.98	3608083.47	0.000311	0.000318	0.000318	0.00006
491585.81	3608088.08	0.00033	0.000338	0.000338	0.00007
491599.63	3608094.53	0.000356	0.000365	0.000365	0.00007
491614.38	3608097.3	0.000378	0.000388	0.000388	0.00008
491626.36	3608102.83	0.000407	0.000418	0.000418	0.00008
491630.97	3608077.94	0.000354	0.000363	0.000363	0.00007
491613.46	3608071.49	0.000323	0.000331	0.000331	0.00007
491635.57	3608062.28	0.000328	0.000336	0.000336	0.00007
491647.56	3608065.04	0.000347	0.000356	0.000356	0.00007
491568.3	3608046.61	0.000253	0.000259	0.000259	0.00005
491556.32	3608038.32	0.000237	0.000243	0.000243	0.00005
491572.91	3608032.79	0.000238	0.000244	0.000244	0.00005
491594.1	3608048.45	0.00027	0.000277	0.000277	0.00006
491589.49	3608035.55	0.000249	0.000256	0.000256	0.00005
491608.85	3608039.24	0.000266	0.000273	0.000273	0.00005
491612.53	3608025.41	0.000249	0.000256	0.000256	0.00005
491625.44	3608040.16	0.00028	0.000287	0.000287	0.00006
491636.5	3608029.1	0.000272	0.000279	0.000279	0.00006
491654.01	3608027.26	0.000286	0.000293	0.000293	0.00006
491643.87	3608011.59	0.000254	0.00026	0.00026	0.00005
491667.83	3608015.28	0.000283	0.00029	0.00029	0.00006
491689.03	3607995	0.000279	0.000286	0.000286	0.00006
491681.65	3607976.57	0.000245	0.000251	0.000251	0.00005
491704.69	3607986.71	0.000288	0.000295	0.000295	0.00006
491713.91	3607971.96	0.00028	0.000286	0.000286	0.00006

491725.89	3607958.14	0.000277	0.000284	0.000284	0.00006
491711.15	3607949.84	0.000246	0.000252	0.000252	0.00005
491729.58	3607943.39	0.000262	0.000268	0.000268	0.00005
491714.83	3607935.1	0.000234	0.000239	0.000239	0.00005
491724.97	3607923.12	0.000232	0.000237	0.000237	0.00005
491737.87	3607928.65	0.000254	0.00026	0.00026	0.00005
491735.11	3607910.22	0.000229	0.000235	0.000235	0.00005
491558.16	3608010.67	0.000207	0.000212	0.000212	0.00004
491579.36	3607998.69	0.000203	0.000208	0.000208	0.00004
491595.95	3608003.3	0.000214	0.00022	0.00022	0.00004
491613.46	3607995.92	0.000215	0.00022	0.00022	0.00004
491599.63	3607983.94	0.000196	0.000201	0.000201	0.00004
491623.59	3607979.33	0.000203	0.000208	0.000208	0.00004
491640.18	3607983.02	0.000217	0.000222	0.000222	0.00004
491660.46	3607968.28	0.000216	0.000221	0.000221	0.00004
491659.54	3607951.69	0.000199	0.000204	0.000204	0.00004
491677.05	3607950.77	0.000212	0.000217	0.000217	0.00004
491682.58	3607937.86	0.000204	0.000209	0.000209	0.00004
491670.6	3607928.65	0.000187	0.000191	0.000191	0.00004
491694.56	3607921.27	0.000199	0.000204	0.000204	0.00004
491682.58	3607913.9	0.000184	0.000188	0.000188	0.00004
491682.58	3607901.92	0.000174	0.000179	0.000179	0.00004
491705.62	3607902.84	0.000193	0.000198	0.000198	0.00004
491561.62	3607964.09	0.000168	0.000172	0.000172	0.00003
491578.12	3607959.66	0.000168	0.000173	0.000173	0.00003
491573.42	3607943.99	0.000156	0.00016	0.00016	0.00003
491600.84	3607959.66	0.000176	0.00018	0.00018	0.00004
491591.44	3607944.77	0.000161	0.000165	0.000165	0.00003
491603.97	3607934.59	0.000158	0.000162	0.000162	0.00003
491615.72	3607947.91	0.000172	0.000176	0.000176	0.00004
491636.09	3607933.02	0.00017	0.000174	0.000174	0.00003
491625.12	3607917.35	0.000154	0.000158	0.000158	0.00003
491644.71	3607918.92	0.000164	0.000168	0.000168	0.00003
491642.36	3607896.99	0.000148	0.000152	0.000152	0.00003

491658.03	3607905.6	0.000162	0.000166	0.000166	0.00003
491665.08	3607887.59	0.000154	0.000158	0.000158	0.00003
491647.06	3607883.67	0.000143	0.000146	0.000146	0.00003
491564.8	3607922.84	0.000141	0.000144	0.000144	0.00003
491587.52	3607913.44	0.00014	0.000143	0.000143	0.00003
491573.42	3607903.25	0.000131	0.000134	0.000134	0.00003
491607.11	3607896.2	0.000135	0.000138	0.000138	0.00003
491603.97	3607878.97	0.000125	0.000128	0.000128	0.00003
491621.99	3607877.4	0.00013	0.000133	0.000133	0.00003
491892.25	3607962.79	0.0008	0.000819	0.000819	0.00016
491943.96	3607975.32	0.001228	0.001257	0.001257	0.00025
491586.79	3608712.31	0.003886	0.003974	0.003974	0.00079
491579.14	3608732.72	0.00337	0.003446	0.003446	0.00069
491579.14	3608751.86	0.003019	0.003087	0.003087	0.00062
491563.83	3608778.64	0.002526	0.002583	0.002583	0.00052
491558.73	3608797.78	0.002267	0.002318	0.002318	0.00046
491545.97	3608824.57	0.001947	0.001991	0.001991	0.00040
491543.42	3608838.6	0.001816	0.001857	0.001857	0.00037
491534.49	3608869.21	0.001563	0.001598	0.001598	0.00032
491635.26	3608725.07	0.003954	0.004043	0.004043	0.00081
491665.88	3608731.45	0.003864	0.00395	0.00395	0.00079
491654.4	3608756.96	0.003192	0.003263	0.003263	0.00065
491627.61	3608748.03	0.003339	0.003414	0.003414	0.00068
491621.23	3608764.61	0.002976	0.003043	0.003043	0.00061
491651.85	3608772.27	0.002872	0.002937	0.002937	0.00059
491635.26	3608823.29	0.002088	0.002135	0.002135	0.00043
491608.48	3608810.54	0.002235	0.002285	0.002285	0.00046
491603.37	3608829.67	0.002004	0.002049	0.002049	0.00041
491627.61	3608838.6	0.001915	0.001958	0.001958	0.00039
491622.51	3608866.66	0.001647	0.001684	0.001684	0.00034
491590.62	3608859.01	0.00171	0.001749	0.001749	0.00035
491586.79	3608875.59	0.001573	0.001609	0.001609	0.00032
491617.41	3608884.52	0.001505	0.001539	0.001539	0.00031
491707.97	3608753.13	0.003306	0.00338	0.00338	0.00068

491702.87	3608768.44	0.002956	0.003022	0.003022	0.00060
491696.49	3608791.4	0.002527	0.002584	0.002584	0.00052
491688.84	3608805.43	0.00231	0.002362	0.002362	0.00047
491683.74	3608834.77	0.001936	0.00198	0.00198	0.00040
491674.81	3608851.36	0.001765	0.001805	0.001805	0.00036
491669.71	3608874.32	0.001562	0.001597	0.001597	0.00032
491667.15	3608903.66	0.001347	0.001377	0.001377	0.00028
491741.14	3608758.23	0.003225	0.003297	0.003297	0.00066
491733.49	3608772.27	0.002903	0.002968	0.002968	0.00059
491727.11	3608797.78	0.002438	0.002493	0.002493	0.00050
491720.73	3608809.26	0.002261	0.002312	0.002312	0.00046
491711.8	3608833.5	0.00195	0.001994	0.001994	0.00040
491706.7	3608855.18	0.001724	0.001762	0.001762	0.00035
491701.6	3608871.77	0.001576	0.001611	0.001611	0.00032
491699.05	3608899.83	0.001366	0.001396	0.001396	0.00028
491778.13	3608770.99	0.003042	0.003111	0.003111	0.00062
491773.03	3608791.4	0.002634	0.002693	0.002693	0.00054
491762.83	3608811.81	0.002289	0.00234	0.00234	0.00047
491760.28	3608828.39	0.002065	0.002112	0.002112	0.00042
491755.17	3608851.36	0.001802	0.001843	0.001843	0.00037
491747.52	3608869.21	0.001626	0.001663	0.001663	0.00033
491738.59	3608884.52	0.001493	0.001526	0.001526	0.00031
491738.59	3608902.38	0.001365	0.001396	0.001396	0.00028
491804.92	3608781.2	0.00292	0.002985	0.002985	0.00060
491802.37	3608806.71	0.002467	0.002522	0.002522	0.00050
491789.61	3608822.02	0.002213	0.002263	0.002263	0.00045
491788.34	3608839.87	0.00199	0.002035	0.002035	0.00041
491774.31	3608853.91	0.00181	0.001851	0.001851	0.00037
491778.13	3608875.59	0.001617	0.001654	0.001654	0.00033
491773.03	3608892.17	0.001478	0.001511	0.001511	0.00030
491770.48	3608916.41	0.001309	0.001339	0.001339	0.00027
491848.29	3608793.95	0.002769	0.002831	0.002831	0.00057
491845.74	3608815.64	0.00242	0.002475	0.002475	0.00049
491835.54	3608834.77	0.002149	0.002197	0.002197	0.00044

491829.16	3608859.01	0.001867	0.001909	0.001909	0.00038
491824.06	3608874.32	0.001712	0.001751	0.001751	0.00035
491824.06	3608890.9	0.001572	0.001607	0.001607	0.00032
491820.23	3608904.93	0.00146	0.001493	0.001493	0.00030
491818.95	3608924.07	0.00133	0.00136	0.00136	0.00027
491817.68	3608940.65	0.00123	0.001257	0.001257	0.00025
491873.81	3608822.02	0.00235	0.002403	0.002403	0.00048
491864.88	3608842.43	0.002091	0.002138	0.002138	0.00043
491859.77	3608864.11	0.001856	0.001898	0.001898	0.00038
491855.95	3608878.14	0.001721	0.00176	0.00176	0.00035
491849.57	3608899.83	0.001536	0.001571	0.001571	0.00031
491857.22	3608915.14	0.001434	0.001466	0.001466	0.00029
491869.98	3608930.44	0.001346	0.001377	0.001377	0.00028
491890.39	3608932.99	0.001345	0.001375	0.001375	0.00027
491915.9	3608818.19	0.002367	0.00242	0.00242	0.00048
491914.63	3608838.6	0.002124	0.002172	0.002172	0.00043
491904.42	3608855.18	0.001957	0.002001	0.002001	0.00040
491903.14	3608874.32	0.001777	0.001817	0.001817	0.00036
491895.49	3608897.28	0.001589	0.001625	0.001625	0.00032
491915.9	3608899.83	0.00157	0.001605	0.001605	0.00032
491936.31	3608902.38	0.001542	0.001577	0.001577	0.00032
491952.89	3608910.03	0.001478	0.001511	0.001511	0.00030
491966.93	3608922.79	0.001387	0.001418	0.001418	0.00028
491923.55	3608947.03	0.001272	0.001301	0.001301	0.00026
491945.24	3608961.06	0.001197	0.001224	0.001224	0.00024
491737.31	3608925.34	0.001223	0.001251	0.001251	0.00025
CONCUNIT ug/ m^3		0	0	0	0.00000
DEPUNIT g/m^	2	0	0	0	0.00000

Moss Street

Tier IV mitigation

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling	**2019**	
	8 hours/day	
	5 days/week	
	18 weeks/year	start from 9/1/2019
	720 hours/year	

Onsite Construction Area Source Size (m2): 27603.9 from AERMOD

Onsite Construction PM10 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)**
	Demolistion	9.200E-04	3.223E-04	1.168E-08
	Grading	7.300E-04	2.557E-04	9.264E-09
	Building Construction	5.500E-04	1.927E-04	6.980E-09
	Total	**2.200E-03**	**7.707E-04**	**2.792E-08**

Offsite Construction Vehicle PM10 Emissions

2019		**Offsite Hauling**	**Offsite Vendor**	**Offsite Workers**	
	Construction Activity	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	**Annual DPM Exhaust Emissions (tons/year)**	
	Demolistion	1.100E-04	0.000E+00	1.000E-05	
	Grading	1.790E-03	0.000E+00	1.000E-05	
	Building Construction	0.000E+00	4.700E-04	1.300E-04	
	Total (tons/year)	**1.900E-03**	**4.700E-04**	**1.500E-04**	**2.520E-03**
	Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
	Offsite Project Trip Distance Along Roadway Segment Project>I5 (mi)	0.21	0.21	0.21	
	Offsite Project Emissions Along Roadway Segment Project>I-5 (tons/year)	**1.012E-05**	**6.859E-06**	**1.480E-06**	

Offsite Emissions Along Roadway Segment Analyzed	
Total Offsite Project Exhaust Emissions (tons/year)	1.846E-05
Total Offsite Project Exhaust Emissions (grams/sec)	**6.467E-06**

Onsite Exhaust Emissions (tons/year)	2.200E-03
Total Onsite Emissions (tons/year)	2.200E-03
Onsite Exhaust Emissions (g/m2-sec)	**2.792E-08**

Total PM@10 Exhaust (tons/year)	2.218E-03

Moss Street

Tier IV mitigation

Construction Annual DPM Emissions (as PM10 Exhaust)

Construction Scheduling **2020**

8	hours/day
5	days/week
48	weeks/year
1920	hours/year

Onsite Construction Area Source Size (m2): 27603.90

Onsite Construction PM10 Emissions

2020	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	4.140E-03	5.439E-04	1.970E-08
Paving	3.700E-04	4.861E-05	1.761E-09
Architectural Coating	6.000E-05	7.882E-06	2.855E-10
Total	**4.570E-03**	**6.003E-04**	**2.175E-08**

Offsite Construction Vehicle PM10 Emissions

2020	Offsite Hauling	Offsite Vendor	Offsite Workers	
	Annual DPM	**Annual DPM**	**Annual DPM**	
Construction Activity	**Exhaust Emissions (tons/year)**	**Exhaust Emissions (tons/year)**	**Exhaust Emissions (tons/year)**	
Building Construction	0.000E+00	2.260E-03	9.700E-04	
Paving	0.000E+00	0.000E+00	1.000E-05	
Architectural Coating	0.000E+00	0.000E+00	3.000E-05	
Total (tons/year)	**0.000E+00**	**2.260E-03**	**1.010E-03**	**3.270E-03**
Trip Distance assumed in CalEEMod (mi)	20.0	7.3	10.8	
Offsite Project Trip Distance Project>I5 (mi)	0.21	0.21	0.21	
Offsite Project Emissions Project>Dry Creek Rd>US101 (tons/year)	**0.000E+00**	**6.597E-05**	**1.993E-05**	

Emissions Along Roadway Segment	
Offsite Project Exhaust Emissions (tons/year)	**8.589E-05**
Offsite Project Exhaust Emissions (grams/sec)	**1.128E-05**

Onsite Exhaust Emissions (tons/year)	**4.570E-03**
Total Onsite Emissions (tons/year)	**4.570E-03**
Onsite Exhaust Emissions (g/m2-sec)	**2.175E-08**

Total PM@10 Exhaust (tons/year)	4.656E-03
Total PM10 (tons/year)	**4.656E-03**

*	AERMOD (1808	1): C:\Users\x	li\Desktop\34	26.0024 Mos	s Street\	constru	ction HR	
*	AERMET (1413	4):						
*	MODELING OPTI	ONS USED: Re	gDFAULT CONC	ELEV URB	AN			
*	PLOT	FILE OF ANNUAL	VALUES AVERA	GED ACROSS	5 YEARS	FOR SO	URCE GRO	
*	FOR A	TOTAL OF 38	9 RECEPTORS.					
*	FORMA	T: (3(1X,F13.5	),3(1X,F8.2),	2X,A6,2X,A8	,2X,I8.8,	2X,A8)		
*	X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	
*	_____	_____	_____	_____	_____	_____	_____	
	491856.94	3608423.76	631633.5918	9.85	9.85	0	ANNUAL	
	491770.82	3608296.56	83768.45212	8.75	8.75	0	ANNUAL	
	491786.69	3608300.4	169029.1196	8.95	8.95	0	ANNUAL	
	491777.07	3608270.58	37629.84601	8.83	8.83	0	ANNUAL	
	491794.39	3608275.87	71537.09153	9.05	9.05	0	ANNUAL	
	491789.88	3608254.44	30952.91267	8.99	8.99	0	ANNUAL	
	491793.88	3608239.79	22440.86907	9.04	9.04	0	ANNUAL	
	491796.54	3608225.81	16889.37505	9.08	9.08	0	ANNUAL	
	491799.2	3608213.16	13520.08898	9.11	9.11	0	ANNUAL	
	491804.53	3608198.51	11109.97723	9.18	9.18	0	ANNUAL	
	491835.16	3608317.03	396533.5888	9.57	9.57	0	ANNUAL	
	491837.82	3608303.71	271820.1418	9.6	9.6	0	ANNUAL	
	491843.81	3608287.73	172647.9047	9.68	9.68	0	ANNUAL	
	491851.14	3608274.41	123009.1203	9.78	9.78	0	ANNUAL	
	491863.07	3608247.22	66875.79104	9.93	9.93	0	ANNUAL	
	491867.68	3608231.55	48552.36905	9.99	9.99	0	ANNUAL	
	491875.05	3608218.65	39141.4192	10.08	10.08	0	ANNUAL	
	491878.74	3608195.61	25762.88386	10.13	10.13	0	ANNUAL	
	491885.19	3608177.18	19590.4194	10.21	10.21	0	ANNUAL	
	491807.78	3608183.63	8991.73281	9.22	9.22	0	ANNUAL	
	491812.39	3608167.97	7461.70142	9.28	9.28	0	ANNUAL	
	491819.76	3608146.77	6015.00085	9.36	9.36	0	ANNUAL	
	491840.03	3608155.06	8586.85941	9.63	9.63	0	ANNUAL	
	491868.6	3608170.73	15061.64567	10	10	0	ANNUAL	
	491865.26	3608414.36	589528.9513	9.95	9.95	0	ANNUAL	
	491867.52	3608403.04	603276.5021	9.98	9.98	0	ANNUAL	
	491872.05	3608392.29	591456.4074	10.04	10.04	0	ANNUAL	
	491874.88	3608377.58	597304.6585	10.08	10.08	0	ANNUAL	
	491886.76	3608431.91	388718.8886	10.23	10.23	0	ANNUAL	
	491890.73	3608422.29	390103.9893	10.28	10.28	0	ANNUAL	
	491896.39	3608409.84	385911.6877	10.35	10.35	0	ANNUAL	
	491900.35	3608397.38	386378.606	10.4	10.4	0	ANNUAL	
	491903.74	3608384.93	384883.2425	10.45	10.45	0	ANNUAL	
	491912.8	3608444.92	257671.8221	10.56	10.56	0	ANNUAL	
	491917.89	3608432.47	263360.5712	10.63	10.63	0	ANNUAL	
	491921.29	3608418.89	272794.7326	10.67	10.67	0	ANNUAL	
	491926.95	3608408.14	268804.5308	10.74	10.74	0	ANNUAL	
	491930.91	3608396.25	268530.5384	10.79	10.79	0	ANNUAL	
	491950.72	3608425.12	194646.6309	11.05	11.05	0	ANNUAL	

491954.11	3608416.06	196618.6307	11.09	11.09	0	ANNUAL
491959.21	3608404.74	195737.5449	11.16	11.16	0	ANNUAL
491984.11	3608467.56	110109.8527	11.47	11.47	0	ANNUAL
491987.5	3608453.98	118307.1477	11.52	11.52	0	ANNUAL
491993.16	3608442.66	121481.4834	11.59	11.59	0	ANNUAL
491998.26	3608432.47	123421.6186	11.66	11.66	0	ANNUAL
492002.22	3608421.15	126246.5201	11.71	11.71	0	ANNUAL
492012.41	3608475.49	83621.49564	11.84	11.84	0	ANNUAL
492015.24	3608463.6	89538.12932	11.87	11.87	0	ANNUAL
492020.9	3608451.15	93343.85437	11.94	11.94	0	ANNUAL
492024.29	3608441.53	96373.73261	11.99	11.99	0	ANNUAL
492028.25	3608428.51	100102.7559	12.04	12.04	0	ANNUAL
492037.31	3608486.24	64997.07485	12.15	12.15	0	ANNUAL
492042.4	3608472.09	70003.93619	12.22	12.22	0	ANNUAL
492046.36	3608461.34	73396.40947	12.27	12.27	0	ANNUAL
492050.89	3608450.58	76111.04301	12.33	12.33	0	ANNUAL
492055.42	3608440.4	78120.56521	12.39	12.39	0	ANNUAL
492065.61	3608493.6	51730.61634	12.52	12.52	0	ANNUAL
492069	3608481.15	55673.63012	12.56	12.56	0	ANNUAL
492075.23	3608469.26	58198.33458	12.64	12.64	0	ANNUAL
492078.06	3608457.38	61580.37877	12.68	12.68	0	ANNUAL
492082.59	3608446.62	63614.62687	12.73	12.73	0	ANNUAL
491873.18	3608334.56	510026.4393	10.06	10.06	0	ANNUAL
491929.78	3608349.84	275582.9614	10.78	10.78	0	ANNUAL
491879.97	3608317.02	336657.7205	10.14	10.14	0	ANNUAL
491893.22	3608305.33	244539.0944	10.31	10.31	0	ANNUAL
491889.89	3608289.35	180966.3293	10.27	10.27	0	ANNUAL
491907.21	3608277.37	138377.9598	10.49	10.49	0	ANNUAL
491909.87	3608246.74	79154.74331	10.53	10.53	0	ANNUAL
491914.53	3608232.76	62103.64315	10.59	10.59	0	ANNUAL
491920.52	3608219.44	50060.99609	10.66	10.66	0	ANNUAL
491923.85	3608203.46	38703.0525	10.71	10.71	0	ANNUAL
491922.52	3608187.48	29639.67512	10.69	10.69	0	ANNUAL
491933.84	3608176.16	26152.75972	10.83	10.83	0	ANNUAL
491936.5	3608332.63	234523.5732	10.87	10.87	0	ANNUAL
491945.82	3608306.66	173169.8634	10.99	10.99	0	ANNUAL
491948.49	3608292.02	145064.0697	11.02	11.02	0	ANNUAL
491954.48	3608266.71	103224.5835	11.1	11.1	0	ANNUAL
491965.8	3608249.4	80108.96105	11.24	11.24	0	ANNUAL
491959.81	3608230.76	62686.59318	11.17	11.17	0	ANNUAL
491973.12	3608219.44	53627.38352	11.34	11.34	0	ANNUAL
491965.13	3608198.8	40196.10183	11.23	11.23	0	ANNUAL
491987.11	3608190.14	36888.98902	11.52	11.52	0	ANNUAL
491975.79	3608366.59	178873.4984	11.37	11.37	0	ANNUAL
491980.45	3608353.27	169371.4764	11.43	11.43	0	ANNUAL
491988.44	3608337.29	152041.2074	11.53	11.53	0	ANNUAL
491991.77	3608319.32	136973.1522	11.57	11.57	0	ANNUAL

492001.09	3608294.68	110325.6905	11.69	11.69	0	ANNUAL
492006.41	3608282.03	97363.99563	11.76	11.76	0	ANNUAL
492013.07	3608266.05	82663.1572	11.85	11.85	0	ANNUAL
492013.07	3608251.4	72289.32148	11.85	11.85	0	ANNUAL
492028.39	3608241.41	62887.85268	12.04	12.04	0	ANNUAL
492019.07	3608222.77	53476.99655	11.92	11.92	0	ANNUAL
492045.7	3608210.78	45452.49661	12.26	12.26	0	ANNUAL
492031.05	3608385.23	112727.5006	12.08	12.08	0	ANNUAL
492035.71	3608369.92	110781.352	12.14	12.14	0	ANNUAL
492027.06	3608353.27	117475.215	12.02	12.02	0	ANNUAL
492046.36	3608339.96	100944.5021	12.27	12.27	0	ANNUAL
492040.37	3608324.64	101087.0358	12.2	12.2	0	ANNUAL
492057.02	3608313.32	87983.27103	12.41	12.41	0	ANNUAL
492055.69	3608297.34	82983.20924	12.39	12.39	0	ANNUAL
492059.02	3608282.03	75410.62761	12.43	12.43	0	ANNUAL
492069.67	3608270.04	67070.83152	12.57	12.57	0	ANNUAL
492061.68	3608253.4	62148.13063	12.47	12.47	0	ANNUAL
492078.32	3608241.41	53934.29894	12.68	12.68	0	ANNUAL
492079.66	3608226.76	48297.83936	12.7	12.7	0	ANNUAL
492069.51	3608395.3	84466.80709	12.57	12.57	0	ANNUAL
492076.17	3608375.99	83704.79149	12.65	12.65	0	ANNUAL
492085.49	3608364.01	79670.90896	12.77	12.77	0	ANNUAL
492102.14	3608406.62	66659.39687	12.98	12.98	0	ANNUAL
492129.44	3608410.61	56135.98193	13.33	13.33	0	ANNUAL
492095.48	3608352.69	75074.61459	12.9	12.9	0	ANNUAL
492094.15	3608336.04	74769.00478	12.88	12.88	0	ANNUAL
492135.43	3608348.69	59822.0277	13.41	13.41	0	ANNUAL
492101.47	3608312.74	68685.98252	12.98	12.98	0	ANNUAL
492120.78	3608244.15	47515.56367	13.22	13.22	0	ANNUAL
492106.8	3608297.42	63920.32042	13.04	13.04	0	ANNUAL
492168.06	3608256.14	42321.71042	13.83	13.83	0	ANNUAL
491832.47	3608106.99	4180.27461	9.09	9.09	0	ANNUAL
491853.78	3608116.31	5792.22388	9.46	9.46	0	ANNUAL
491874.42	3608123.64	7782.89246	9.83	9.83	0	ANNUAL
491899.72	3608128.96	10460.46231	10.27	10.27	0	ANNUAL
491836.47	3608093.01	3710.77936	8.99	8.99	0	ANNUAL
491877.09	3608106.33	6350.14878	9.7	9.7	0	ANNUAL
491905.05	3608118.98	9510.661	10.3	10.3	0	ANNUAL
491907.71	3608101.66	7734.16153	10.25	10.25	0	ANNUAL
491883.74	3608091.01	5569.59303	9.69	9.69	0	ANNUAL
491848.45	3608065.04	3079.74148	8.84	8.84	0	ANNUAL
491853.12	3608053.06	2845.00857	8.8	8.8	0	ANNUAL
491873.09	3608063.05	3716.66742	9.19	9.19	0	ANNUAL
491909.71	3608072.37	5512.02895	10.14	10.14	0	ANNUAL
491921.03	3608059.05	5157.77157	10.35	10.35	0	ANNUAL
491925.69	3608040.41	4365.67123	10.34	10.34	0	ANNUAL
491856.44	3608031.75	2391.11038	8.85	8.85	0	ANNUAL

491867.1	3608010.44	2147.01462	8.98	8.98	0	ANNUAL
491875.09	3607976.49	1718.34971	9.1	9.1	0	ANNUAL
491918.37	3607991.8	2607.50294	9.83	9.83	0	ANNUAL
491945	3608000.46	3347.42556	10.37	10.37	0	ANNUAL
491935.09	3608141.53	15811.72963	10.84	10.84	0	ANNUAL
491960.9	3608152.59	20885.93528	11.18	11.18	0	ANNUAL
491988.54	3608164.57	26680.53337	11.53	11.53	0	ANNUAL
491946.15	3608114.81	11726.3336	10.99	10.99	0	ANNUAL
491988.54	3608129.55	17191.33706	11.53	11.53	0	ANNUAL
492018.04	3608107.44	14609.94337	11.91	11.91	0	ANNUAL
491955.37	3608089	8955.75981	11.11	11.11	0	ANNUAL
491963.66	3608059.51	6685.43509	11.22	11.22	0	ANNUAL
491984.86	3608059.51	7477.34499	11.49	11.49	0	ANNUAL
492031.86	3608066.89	9871.96109	12.09	12.09	0	ANNUAL
492020.8	3608040.16	7216.79234	11.78	11.78	0	ANNUAL
491977.49	3608027.26	5172.79373	11.08	11.08	0	ANNUAL
491983.94	3608007.9	4445.64427	10.96	10.96	0	ANNUAL
492044.76	3608018.04	6426.81543	11.84	11.84	0	ANNUAL
492048.45	3608001.45	5605.04851	11.71	11.71	0	ANNUAL
491999.6	3607989.47	4066.56556	10.96	10.96	0	ANNUAL
492038.31	3608171.95	30870.0028	12.17	12.17	0	ANNUAL
492047.53	3608155.36	26046.82328	12.29	12.29	0	ANNUAL
492086.23	3608187.61	34800.01113	12.78	12.78	0	ANNUAL
492095.45	3608171.03	29921.10786	12.9	12.9	0	ANNUAL
492053.98	3608123.1	18782.21306	12.37	12.37	0	ANNUAL
492109.27	3608145.22	23826.16581	13.08	13.08	0	ANNUAL
492058.59	3608100.06	14968.14869	12.43	12.43	0	ANNUAL
492123.1	3608113.89	18276.37331	13.26	13.26	0	ANNUAL
492135.08	3608094.53	15629.64783	13.41	13.41	0	ANNUAL
492076.1	3608065.04	11034.36032	12.65	12.65	0	ANNUAL
492085.31	3608030.02	8189.43118	12.49	12.49	0	ANNUAL
492139.69	3608065.96	12391.12724	13.47	13.47	0	ANNUAL
492139.69	3608212.5	37320.35401	13.47	13.47	0	ANNUAL
492183.92	3608227.24	35481.27135	14.03	14.03	0	ANNUAL
492143.37	3608192.22	32542.94347	13.51	13.51	0	ANNUAL
492194.98	3608204.2	30785.83068	14.17	14.17	0	ANNUAL
492203.28	3608183.01	27032.74153	14.28	14.28	0	ANNUAL
492151.67	3608153.52	24592.58173	13.62	13.62	0	ANNUAL
492197.75	3608162.73	24382.24963	14.21	14.21	0	ANNUAL
492159.04	3608135.08	21371.48879	13.71	13.71	0	ANNUAL
492164.57	3608118.49	18861.03342	13.79	13.79	0	ANNUAL
492219.86	3608141.53	20767.73595	14.49	14.49	0	ANNUAL
492223.55	3608114.81	17605.82478	14.54	14.54	0	ANNUAL
492231.84	3608098.22	15772.55758	14.65	14.65	0	ANNUAL
492170.1	3608097.3	16098.24566	13.86	13.86	0	ANNUAL
492180.24	3608077.94	13955.35376	13.99	13.99	0	ANNUAL
492183.92	3608055.83	11864.67278	14.03	14.03	0	ANNUAL

492218.94	3608068.73	13103.09219	14.48	14.48	0	ANNUAL
492246.59	3608230.01	29459.61125	14.83	14.83	0	ANNUAL
492239.22	3608207.89	27744.96499	14.74	14.74	0	ANNUAL
492241.98	3608194.07	25986.19077	14.77	14.77	0	ANNUAL
492246.59	3608176.56	23745.69812	14.83	14.83	0	ANNUAL
492257.65	3608163.65	21811.33647	14.98	14.98	0	ANNUAL
492261.34	3608145.22	19794.15036	15.02	15.02	0	ANNUAL
492266.87	3608124.02	17592.10804	15.09	15.09	0	ANNUAL
492272.39	3608108.36	16065.59041	15.16	15.16	0	ANNUAL
492277.92	3608094.53	14809.70621	15.24	15.24	0	ANNUAL
492285.3	3608081.63	13701.00363	15.33	15.33	0	ANNUAL
491685.34	3608168.26	1905.1755	7.66	7.66	0	ANNUAL
491689.95	3608145.22	1616.14261	7.68	7.68	0	ANNUAL
491694.56	3608131.4	1490.70102	7.59	7.59	0	ANNUAL
491698.24	3608118.49	1381.51988	7.49	7.49	0	ANNUAL
491701.01	3608105.59	1277.01571	7.39	7.39	0	ANNUAL
491703.77	3608093.61	1191.86472	7.3	7.3	0	ANNUAL
491707.46	3608079.79	1107.7138	7.19	7.19	0	ANNUAL
491713.91	3608070.57	1083.94065	7.18	7.18	0	ANNUAL
491715.75	3608058.59	1012.41747	7.07	7.07	0	ANNUAL
491720.36	3608046.61	964.20218	7.11	7.11	0	ANNUAL
491732.34	3608014.36	849.87505	7.26	7.26	0	ANNUAL
491735.11	3608002.37	804.64468	7.29	7.29	0	ANNUAL
491735.11	3607991.32	754.55705	7.29	7.29	0	ANNUAL
491744.32	3607980.26	748.06203	7.41	7.41	0	ANNUAL
491747.09	3607967.35	707.05832	7.45	7.45	0	ANNUAL
491755.38	3607954.45	690.7191	7.55	7.55	0	ANNUAL
491759.07	3607939.71	651.23376	7.6	7.6	0	ANNUAL
491636.5	3608156.28	1317.55011	7.03	7.03	0	ANNUAL
491618.06	3608148.91	1155.56399	6.8	6.8	0	ANNUAL
491598.71	3608143.38	1035.22776	6.49	6.49	0	ANNUAL
491579.36	3608134.16	915.03025	6.14	6.14	0	ANNUAL
491565.53	3608132.32	865.75646	5.95	5.95	0	ANNUAL
491548.94	3608123.1	781.22765	5.63	5.63	0	ANNUAL
491654.01	3608119.42	1093.05063	6.94	6.94	0	ANNUAL
491663.22	3608133.24	1261.55124	7.21	7.21	0	ANNUAL
491657.69	3608106.51	1016.55434	6.85	6.85	0	ANNUAL
491663.22	3608094.53	961.6658	6.79	6.79	0	ANNUAL
491674.28	3608094.53	1013.91396	6.93	6.93	0	ANNUAL
491681.65	3608086.24	996.05117	6.93	6.93	0	ANNUAL
491686.26	3608072.42	932.10878	6.84	6.84	0	ANNUAL
491663.22	3608078.87	868.71747	6.62	6.62	0	ANNUAL
491671.52	3608072.42	865.98489	6.65	6.65	0	ANNUAL
491676.12	3608058.59	812.08348	6.56	6.56	0	ANNUAL
491678.89	3608048.45	773.86256	6.57	6.57	0	ANNUAL
491690.87	3608053.98	850.17689	6.73	6.73	0	ANNUAL
491695.48	3608035.55	779.20615	6.79	6.79	0	ANNUAL

491701.93	3608024.49	755.88226	6.87	6.87	0	ANNUAL
491624.52	3608121.26	982.59795	6.58	6.58	0	ANNUAL
491615.3	3608116.65	923.03046	6.41	6.41	0	ANNUAL
491603.32	3608112.97	867.25904	6.22	6.22	0	ANNUAL
491590.42	3608107.44	806.51646	5.99	5.99	0	ANNUAL
491582.12	3608104.67	774.91834	5.86	5.86	0	ANNUAL
491567.38	3608101.91	732.68088	5.64	5.64	0	ANNUAL
491553.55	3608094.53	678.74608	5.38	5.38	0	ANNUAL
491560	3608079.79	637.30235	5.31	5.31	0	ANNUAL
491571.98	3608083.47	669.156	5.5	5.5	0	ANNUAL
491585.81	3608088.08	711.15424	5.73	5.73	0	ANNUAL
491599.63	3608094.53	766.78998	5.97	5.97	0	ANNUAL
491614.38	3608097.3	814.843	6.19	6.19	0	ANNUAL
491626.36	3608102.83	877.45895	6.41	6.41	0	ANNUAL
491630.97	3608077.94	763.464	6.19	6.19	0	ANNUAL
491613.46	3608071.49	696.20751	5.9	5.9	0	ANNUAL
491635.57	3608062.28	706.00578	6.08	6.08	0	ANNUAL
491647.56	3608065.04	748.59786	6.27	6.27	0	ANNUAL
491568.3	3608046.61	544.90445	5.16	5.16	0	ANNUAL
491556.32	3608038.32	510.16707	5.01	5.01	0	ANNUAL
491572.91	3608032.79	512.18472	5.22	5.22	0	ANNUAL
491594.1	3608048.45	581.94028	5.49	5.49	0	ANNUAL
491589.49	3608035.55	537.61888	5.43	5.43	0	ANNUAL
491608.85	3608039.24	573.67335	5.68	5.68	0	ANNUAL
491612.53	3608025.41	537.6352	5.73	5.73	0	ANNUAL
491625.44	3608040.16	603.03153	5.89	5.89	0	ANNUAL
491636.5	3608029.1	586.7769	6.03	6.03	0	ANNUAL
491654.01	3608027.26	616.81819	6.26	6.26	0	ANNUAL
491643.87	3608011.59	547.07422	6.13	6.13	0	ANNUAL
491667.83	3608015.28	609.90493	6.43	6.43	0	ANNUAL
491689.03	3607995	601.27188	6.7	6.7	0	ANNUAL
491681.65	3607976.57	528.80566	6.61	6.61	0	ANNUAL
491704.69	3607986.71	621.67149	6.91	6.91	0	ANNUAL
491713.91	3607971.96	603.37593	7.02	7.02	0	ANNUAL
491725.89	3607958.14	598.23444	7.18	7.18	0	ANNUAL
491711.15	3607949.84	531.94139	6.99	6.99	0	ANNUAL
491729.58	3607943.39	565.80717	7.22	7.22	0	ANNUAL
491714.83	3607935.1	504.2339	7.04	7.04	0	ANNUAL
491724.97	3607923.12	500.55027	7.17	7.17	0	ANNUAL
491737.87	3607928.65	548.86938	7.33	7.33	0	ANNUAL
491735.11	3607910.22	495.12574	7.3	7.3	0	ANNUAL
491558.16	3608010.67	446.76664	5.03	5.03	0	ANNUAL
491579.36	3607998.69	437.37975	5.3	5.3	0	ANNUAL
491595.95	3608003.3	462.03995	5.51	5.51	0	ANNUAL
491613.46	3607995.92	463.12885	5.74	5.74	0	ANNUAL
491599.63	3607983.94	423.43448	5.56	5.56	0	ANNUAL
491623.59	3607979.33	437.88119	5.87	5.87	0	ANNUAL

491640.18	3607983.02	467.47351	6.08	6.08	0	ANNUAL
491660.46	3607968.28	466.12239	6.34	6.34	0	ANNUAL
491659.54	3607951.69	429.57667	6.24	6.24	0	ANNUAL
491677.05	3607950.77	457.63343	6.49	6.49	0	ANNUAL
491682.58	3607937.86	441.04738	6.52	6.52	0	ANNUAL
491670.6	3607928.65	403.26628	6.27	6.27	0	ANNUAL
491694.56	3607921.27	430.62047	6.67	6.67	0	ANNUAL
491682.58	3607913.9	396.2858	6.42	6.42	0	ANNUAL
491682.58	3607901.92	376.39613	6.37	6.37	0	ANNUAL
491705.62	3607902.84	416.61693	6.86	6.86	0	ANNUAL
491561.62	3607964.09	361.52381	5.08	5.08	0	ANNUAL
491578.12	3607959.66	363.39121	5.24	5.24	0	ANNUAL
491573.42	3607943.99	336.42249	5.01	5.01	0	ANNUAL
491600.84	3607959.66	378.65901	5.53	5.53	0	ANNUAL
491591.44	3607944.77	347.74317	5.25	5.25	0	ANNUAL
491603.97	3607934.59	340.58815	5.3	5.3	0	ANNUAL
491615.72	3607947.91	370.81638	5.59	5.59	0	ANNUAL
491636.09	3607933.02	366.04732	5.7	5.7	0	ANNUAL
491625.12	3607917.35	332.03167	5.38	5.38	0	ANNUAL
491644.71	3607918.92	353.35695	5.72	5.72	0	ANNUAL
491642.36	3607896.99	320.10969	5.46	5.46	0	ANNUAL
491658.03	3607905.6	348.86545	5.87	5.87	0	ANNUAL
491665.08	3607887.59	331.99941	5.9	5.9	0	ANNUAL
491647.06	3607883.67	307.77096	5.45	5.45	0	ANNUAL
491564.8	3607922.84	303.4827	4.67	4.67	0	ANNUAL
491587.52	3607913.44	301.75849	4.86	4.86	0	ANNUAL
491573.42	3607903.25	283.1073	4.57	4.57	0	ANNUAL
491607.11	3607896.2	291.63159	4.92	4.92	0	ANNUAL
491603.97	3607878.97	270.49998	4.7	4.7	0	ANNUAL
491621.99	3607877.4	279.96461	4.91	4.91	0	ANNUAL
491892.25	3607962.79	1729.53705	9.3	9.3	0	ANNUAL
491943.96	3607975.32	2655.68093	10.09	10.09	0	ANNUAL
491586.79	3608712.31	8409.91149	6.74	6.74	0	ANNUAL
491579.14	3608732.72	7291.76171	6.49	6.49	0	ANNUAL
491579.14	3608751.86	6533.0195	6.43	6.43	0	ANNUAL
491563.83	3608778.64	5465.98803	6.11	6.11	0	ANNUAL
491558.73	3608797.78	4905.57279	6.03	6.03	0	ANNUAL
491545.97	3608824.57	4212.34249	5.87	5.87	0	ANNUAL
491543.42	3608838.6	3929.01444	5.83	5.83	0	ANNUAL
491534.49	3608869.21	3382.56676	5.72	5.72	0	ANNUAL
491635.26	3608725.07	8556.303	7.77	7.77	0	ANNUAL
491665.88	3608731.45	8360.83188	8.22	8.22	0	ANNUAL
491654.4	3608756.96	6906.22993	7.82	7.82	0	ANNUAL
491627.61	3608748.03	7224.74672	7.38	7.38	0	ANNUAL
491621.23	3608764.61	6439.38955	7.11	7.11	0	ANNUAL
491651.85	3608772.27	6214.64483	7.64	7.64	0	ANNUAL
491635.26	3608823.29	4517.60807	7.02	7.02	0	ANNUAL

491608.48	3608810.54	4835.62481	6.67	6.67	0	ANNUAL
491603.37	3608829.67	4336.69451	6.6	6.6	0	ANNUAL
491627.61	3608838.6	4143.13594	6.91	6.91	0	ANNUAL
491622.51	3608866.66	3564.66602	6.84	6.84	0	ANNUAL
491590.62	3608859.01	3701.20145	6.44	6.44	0	ANNUAL
491586.79	3608875.59	3404.77827	6.39	6.39	0	ANNUAL
491617.41	3608884.52	3257.20091	6.78	6.78	0	ANNUAL
491707.97	3608753.13	7153.25801	8.91	8.91	0	ANNUAL
491702.87	3608768.44	6396.431	8.78	8.78	0	ANNUAL
491696.49	3608791.4	5468.59705	8.59	8.59	0	ANNUAL
491688.84	3608805.43	4998.74356	8.39	8.39	0	ANNUAL
491683.74	3608834.77	4189.63762	8.26	8.26	0	ANNUAL
491674.81	3608851.36	3820.01121	8.03	8.03	0	ANNUAL
491669.71	3608874.32	3379.43532	7.9	7.9	0	ANNUAL
491667.15	3608903.66	2914.7126	7.83	7.83	0	ANNUAL
491741.14	3608758.23	6978.56924	9.36	9.36	0	ANNUAL
491733.49	3608772.27	6281.67673	9.27	9.27	0	ANNUAL
491727.11	3608797.78	5275.56965	9.18	9.18	0	ANNUAL
491720.73	3608809.26	4893.44238	9.1	9.1	0	ANNUAL
491711.8	3608833.5	4219.16689	8.97	8.97	0	ANNUAL
491706.7	3608855.18	3729.43269	8.84	8.84	0	ANNUAL
491701.6	3608871.77	3409.51209	8.71	8.71	0	ANNUAL
491699.05	3608899.83	2955.05305	8.65	8.65	0	ANNUAL
491778.13	3608770.99	6583.73997	9.84	9.84	0	ANNUAL
491773.03	3608791.4	5700.1801	9.77	9.77	0	ANNUAL
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491760.28	3608828.39	4468.7311	9.61	9.61	0	ANNUAL
491755.17	3608851.36	3900.00547	9.54	9.54	0	ANNUAL
491747.52	3608869.21	3518.43567	9.44	9.44	0	ANNUAL
491738.59	3608884.52	3229.67762	9.33	9.33	0	ANNUAL
491738.59	3608902.38	2954.26121	9.33	9.33	0	ANNUAL
491804.92	3608781.2	6318.52159	10.18	10.18	0	ANNUAL
491802.37	3608806.71	5337.54307	10.15	10.15	0	ANNUAL
491789.61	3608822.02	4788.76329	9.98	9.98	0	ANNUAL
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491774.31	3608853.91	3917.0837	9.79	9.79	0	ANNUAL
491778.13	3608875.59	3499.89081	9.84	9.84	0	ANNUAL
491773.03	3608892.17	3197.355	9.77	9.77	0	ANNUAL
491770.48	3608916.41	2832.77258	9.74	9.74	0	ANNUAL
491848.29	3608793.95	5992.71087	10.73	10.73	0	ANNUAL
491845.74	3608815.64	5237.45045	10.7	10.7	0	ANNUAL
491835.54	3608834.77	4650.58333	10.57	10.57	0	ANNUAL
491829.16	3608859.01	4039.55505	10.49	10.49	0	ANNUAL
491824.06	3608874.32	3704.88695	10.42	10.42	0	ANNUAL
491824.06	3608890.9	3400.78112	10.42	10.42	0	ANNUAL
491820.23	3608904.93	3159.29467	10.37	10.37	0	ANNUAL
491818.95	3608924.07	2877.04023	10.36	10.36	0	ANNUAL

491817.68	3608940.65	2660.42732	10.34	10.34	0	ANNUAL
491873.81	3608822.02	5086.34504	11.06	11.06	0	ANNUAL
491864.88	3608842.43	4525.64689	10.95	10.95	0	ANNUAL
491859.77	3608864.11	4016.05242	10.88	10.88	0	ANNUAL
491855.95	3608878.14	3724.29971	10.83	10.83	0	ANNUAL
491849.57	3608899.83	3323.74804	10.75	10.75	0	ANNUAL
491857.22	3608915.14	3103.21069	10.85	10.85	0	ANNUAL
491869.98	3608930.44	2913.47447	11.01	11.01	0	ANNUAL
491890.39	3608932.99	2909.41727	11.27	11.27	0	ANNUAL
491915.9	3608818.19	5123.01474	11.6	11.6	0	ANNUAL
491914.63	3608838.6	4596.72161	11.58	11.58	0	ANNUAL
491904.42	3608855.18	4234.93498	11.45	11.45	0	ANNUAL
491903.14	3608874.32	3846.14771	11.43	11.43	0	ANNUAL
491895.49	3608897.28	3438.65333	11.34	11.34	0	ANNUAL
491915.9	3608899.83	3397.17383	11.6	11.6	0	ANNUAL
491936.31	3608902.38	3337.66685	11.86	11.86	0	ANNUAL
491952.89	3608910.03	3198.84616	12.07	12.07	0	ANNUAL
491966.93	3608922.79	3001.95003	12.25	12.25	0	ANNUAL
491923.55	3608947.03	2752.86059	11.69	11.69	0	ANNUAL
491945.24	3608961.06	2590.66041	11.97	11.97	0	ANNUAL
491737.31	3608925.34	2646.50014	9.31	9.31	0	ANNUAL

** CONCUNIT ug/ m^3

** DEPUNIT g/m^ 2

A\construc		2-Jan	*	AERMOD (1808	1): C:\Users\x
		12:24	*	AERMET (1413	4):
			*	MODELING OPTI	ONS USED: Re
UP: AREA			*	PLOT	FILE OF ANNUAL
			*	FOR A	TOTAL OF 38
			*	FORMA	T: (3(1X,F13.5
GRP	NUM YRS	NET ID	*	X	Y
_________	_________	_________	*	_____________	_____________
AREA		5		491856.94	3608423.76
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AREA	5	491701.01	3608105.59
AREA	5	491703.77	3608093.61
AREA	5	491707.46	3608079.79
AREA	5	491713.91	3608070.57
AREA	5	491715.75	3608058.59
AREA	5	491720.36	3608046.61
AREA	5	491732.34	3608014.36
AREA	5	491735.11	3608002.37
AREA	5	491735.11	3607991.32
AREA	5	491744.32	3607980.26
AREA	5	491747.09	3607967.35
AREA	5	491755.38	3607954.45
AREA	5	491759.07	3607939.71
AREA	5	491636.5	3608156.28
AREA	5	491618.06	3608148.91
AREA	5	491598.71	3608143.38
AREA	5	491579.36	3608134.16
AREA	5	491565.53	3608132.32
AREA	5	491548.94	3608123.1
AREA	5	491654.01	3608119.42
AREA	5	491663.22	3608133.24
AREA	5	491657.69	3608106.51
AREA	5	491663.22	3608094.53
AREA	5	491674.28	3608094.53
AREA	5	491681.65	3608086.24
AREA	5	491686.26	3608072.42
AREA	5	491663.22	3608078.87
AREA	5	491671.52	3608072.42
AREA	5	491676.12	3608058.59
AREA	5	491678.89	3608048.45
AREA	5	491690.87	3608053.98
AREA	5	491695.48	3608035.55

AREA	5	491701.93	3608024.49
AREA	5	491624.52	3608121.26
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AREA	5	491590.42	3608107.44
AREA	5	491582.12	3608104.67
AREA	5	491567.38	3608101.91
AREA	5	491553.55	3608094.53
AREA	5	491560	3608079.79
AREA	5	491571.98	3608083.47
AREA	5	491585.81	3608088.08
AREA	5	491599.63	3608094.53
AREA	5	491614.38	3608097.3
AREA	5	491626.36	3608102.83
AREA	5	491630.97	3608077.94
AREA	5	491613.46	3608071.49
AREA	5	491635.57	3608062.28
AREA	5	491647.56	3608065.04
AREA	5	491568.3	3608046.61
AREA	5	491556.32	3608038.32
AREA	5	491572.91	3608032.79
AREA	5	491594.1	3608048.45
AREA	5	491589.49	3608035.55
AREA	5	491608.85	3608039.24
AREA	5	491612.53	3608025.41
AREA	5	491625.44	3608040.16
AREA	5	491636.5	3608029.1
AREA	5	491654.01	3608027.26
AREA	5	491643.87	3608011.59
AREA	5	491667.83	3608015.28
AREA	5	491689.03	3607995
AREA	5	491681.65	3607976.57
AREA	5	491704.69	3607986.71
AREA	5	491713.91	3607971.96
AREA	5	491725.89	3607958.14
AREA	5	491711.15	3607949.84
AREA	5	491729.58	3607943.39
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AREA	5	491724.97	3607923.12
AREA	5	491737.87	3607928.65
AREA	5	491735.11	3607910.22
AREA	5	491558.16	3608010.67
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AREA	5	491595.95	3608003.3
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AREA	5	491599.63	3607983.94
AREA	5	491623.59	3607979.33

AREA	5	491640.18	3607983.02
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AREA	5	491659.54	3607951.69
AREA	5	491677.05	3607950.77
AREA	5	491682.58	3607937.86
AREA	5	491670.6	3607928.65
AREA	5	491694.56	3607921.27
AREA	5	491682.58	3607913.9
AREA	5	491682.58	3607901.92
AREA	5	491705.62	3607902.84
AREA	5	491561.62	3607964.09
AREA	5	491578.12	3607959.66
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AREA	5	491600.84	3607959.66
AREA	5	491591.44	3607944.77
AREA	5	491603.97	3607934.59
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AREA	5	491636.09	3607933.02
AREA	5	491625.12	3607917.35
AREA	5	491644.71	3607918.92
AREA	5	491642.36	3607896.99
AREA	5	491658.03	3607905.6
AREA	5	491665.08	3607887.59
AREA	5	491647.06	3607883.67
AREA	5	491564.8	3607922.84
AREA	5	491587.52	3607913.44
AREA	5	491573.42	3607903.25
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AREA	5	491603.97	3607878.97
AREA	5	491621.99	3607877.4
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AREA	5	491943.96	3607975.32
AREA	5	491586.79	3608712.31
AREA	5	491579.14	3608732.72
AREA	5	491579.14	3608751.86
AREA	5	491563.83	3608778.64
AREA	5	491558.73	3608797.78
AREA	5	491545.97	3608824.57
AREA	5	491543.42	3608838.6
AREA	5	491534.49	3608869.21
AREA	5	491635.26	3608725.07
AREA	5	491665.88	3608731.45
AREA	5	491654.4	3608756.96
AREA	5	491627.61	3608748.03
AREA	5	491621.23	3608764.61
AREA	5	491651.85	3608772.27
AREA	5	491635.26	3608823.29

AREA	5	491608.48	3608810.54
AREA	5	491603.37	3608829.67
AREA	5	491627.61	3608838.6
AREA	5	491622.51	3608866.66
AREA	5	491590.62	3608859.01
AREA	5	491586.79	3608875.59
AREA	5	491617.41	3608884.52
AREA	5	491707.97	3608753.13
AREA	5	491702.87	3608768.44
AREA	5	491696.49	3608791.4
AREA	5	491688.84	3608805.43
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AREA	5	491674.81	3608851.36
AREA	5	491669.71	3608874.32
AREA	5	491667.15	3608903.66
AREA	5	491741.14	3608758.23
AREA	5	491733.49	3608772.27
AREA	5	491727.11	3608797.78
AREA	5	491720.73	3608809.26
AREA	5	491711.8	3608833.5
AREA	5	491706.7	3608855.18
AREA	5	491701.6	3608871.77
AREA	5	491699.05	3608899.83
AREA	5	491778.13	3608770.99
AREA	5	491773.03	3608791.4
AREA	5	491762.83	3608811.81
AREA	5	491760.28	3608828.39
AREA	5	491755.17	3608851.36
AREA	5	491747.52	3608869.21
AREA	5	491738.59	3608884.52
AREA	5	491738.59	3608902.38
AREA	5	491804.92	3608781.2
AREA	5	491802.37	3608806.71
AREA	5	491789.61	3608822.02
AREA	5	491788.34	3608839.87
AREA	5	491774.31	3608853.91
AREA	5	491778.13	3608875.59
AREA	5	491773.03	3608892.17
AREA	5	491770.48	3608916.41
AREA	5	491848.29	3608793.95
AREA	5	491845.74	3608815.64
AREA	5	491835.54	3608834.77
AREA	5	491829.16	3608859.01
AREA	5	491824.06	3608874.32
AREA	5	491824.06	3608890.9
AREA	5	491820.23	3608904.93
AREA	5	491818.95	3608924.07

AREA	5	491817.68	3608940.65
AREA	5	491873.81	3608822.02
AREA	5	491864.88	3608842.43
AREA	5	491859.77	3608864.11
AREA	5	491855.95	3608878.14
AREA	5	491849.57	3608899.83
AREA	5	491857.22	3608915.14
AREA	5	491869.98	3608930.44
AREA	5	491890.39	3608932.99
AREA	5	491915.9	3608818.19
AREA	5	491914.63	3608838.6
AREA	5	491904.42	3608855.18
AREA	5	491903.14	3608874.32
AREA	5	491895.49	3608897.28
AREA	5	491915.9	3608899.83
AREA	5	491936.31	3608902.38
AREA	5	491952.89	3608910.03
AREA	5	491966.93	3608922.79
AREA	5	491923.55	3608947.03
AREA	5	491945.24	3608961.06
AREA	5	491737.31	3608925.34
** CONCUNIT ug/ m^3			
** DEPUNIT g/m^ 2			

gDFAULT CONC ELEV URB AN
VALUES AVERA GED ACROSS 5 YEARS FOR SO URCE GRO UP: LINE
9 RECEPTORS.
),3(1X,F8.2), 2X,A6,2X,A8 ,2X,I8.8, 2X,A8)
AVERAGE CONC ZELEV ZHILL ZFLAG AVE GRP NUM YRS NET ID

2.71215	9.85	9.85	0	ANNUAL	LINE		5
40.63129	8.75	8.75	0	ANNUAL	LINE		5
37.16311	8.95	8.95	0	ANNUAL	LINE		5
18.63654	8.83	8.83	0	ANNUAL	LINE		5
18.30192	9.05	9.05	0	ANNUAL	LINE		5
11.83867	8.99	8.99	0	ANNUAL	LINE		5
8.50172	9.04	9.04	0	ANNUAL	LINE		5
6.29229	9.08	9.08	0	ANNUAL	LINE		5
4.82803	9.11	9.11	0	ANNUAL	LINE		5
3.60052	9.18	9.18	0	ANNUAL	LINE		5
17.47807	9.57	9.57	0	ANNUAL	LINE		5
16.36569	9.6	9.6	0	ANNUAL	LINE		5
13.10984	9.68	9.68	0	ANNUAL	LINE		5
10.45869	9.78	9.78	0	ANNUAL	LINE		5
6.89013	9.93	9.93	0	ANNUAL	LINE		5
5.50992	9.99	9.99	0	ANNUAL	LINE		5
4.51933	10.08	10.08	0	ANNUAL	LINE		5
3.29514	10.13	10.13	0	ANNUAL	LINE		5
2.54421	10.21	10.21	0	ANNUAL	LINE		5
2.70752	9.22	9.22	0	ANNUAL	LINE		5
2.04387	9.28	9.28	0	ANNUAL	LINE		5
1.44327	9.36	9.36	0	ANNUAL	LINE		5
1.76573	9.63	9.63	0	ANNUAL	LINE		5
2.33746	10	10	0	ANNUAL	LINE		5
2.83789	9.95	9.95	0	ANNUAL	LINE		5
3.15933	9.98	9.98	0	ANNUAL	LINE		5
3.45016	10.04	10.04	0	ANNUAL	LINE		5
4.03201	10.08	10.08	0	ANNUAL	LINE		5
2.05662	10.23	10.23	0	ANNUAL	LINE		5
2.21408	10.28	10.28	0	ANNUAL	LINE		5
2.4267	10.35	10.35	0	ANNUAL	LINE		5
2.6929	10.4	10.4	0	ANNUAL	LINE		5
3.01035	10.45	10.45	0	ANNUAL	LINE		5
1.56146	10.56	10.56	0	ANNUAL	LINE		5
1.71251	10.63	10.63	0	ANNUAL	LINE		5
1.91468	10.67	10.67	0	ANNUAL	LINE		5
2.05708	10.74	10.74	0	ANNUAL	LINE		5
2.25717	10.79	10.79	0	ANNUAL	LINE		5
1.5442	11.05	11.05	0	ANNUAL	LINE		5

1.64752	11.09	11.09	0	ANNUAL	LINE	5
1.7769	11.16	11.16	0	ANNUAL	LINE	5
0.91756	11.47	11.47	0	ANNUAL	LINE	5
1.01343	11.52	11.52	0	ANNUAL	LINE	5
1.08708	11.59	11.59	0	ANNUAL	LINE	5
1.15656	11.66	11.66	0	ANNUAL	LINE	5
1.24684	11.71	11.71	0	ANNUAL	LINE	5
0.77086	11.84	11.84	0	ANNUAL	LINE	5
0.83799	11.87	11.87	0	ANNUAL	LINE	5
0.90443	11.94	11.94	0	ANNUAL	LINE	5
0.96222	11.99	11.99	0	ANNUAL	LINE	5
1.04776	12.04	12.04	0	ANNUAL	LINE	5
0.64922	12.15	12.15	0	ANNUAL	LINE	5
0.70953	12.22	12.22	0	ANNUAL	LINE	5
0.75843	12.27	12.27	0	ANNUAL	LINE	5
0.80837	12.33	12.33	0	ANNUAL	LINE	5
0.85687	12.39	12.39	0	ANNUAL	LINE	5
0.56015	12.52	12.52	0	ANNUAL	LINE	5
0.60579	12.56	12.56	0	ANNUAL	LINE	5
0.646	12.64	12.64	0	ANNUAL	LINE	5
0.69626	12.68	12.68	0	ANNUAL	LINE	5
0.73928	12.73	12.73	0	ANNUAL	LINE	5
7.44433	10.06	10.06	0	ANNUAL	LINE	5
3.59829	10.78	10.78	0	ANNUAL	LINE	5
7.99283	10.14	10.14	0	ANNUAL	LINE	5
7.09578	10.31	10.31	0	ANNUAL	LINE	5
7.41382	10.27	10.27	0	ANNUAL	LINE	5
6.01035	10.49	10.49	0	ANNUAL	LINE	5
4.98056	10.53	10.53	0	ANNUAL	LINE	5
4.3267	10.59	10.59	0	ANNUAL	LINE	5
3.72852	10.66	10.66	0	ANNUAL	LINE	5
3.15801	10.71	10.71	0	ANNUAL	LINE	5
2.68938	10.69	10.69	0	ANNUAL	LINE	5
2.31799	10.83	10.83	0	ANNUAL	LINE	5
3.92068	10.87	10.87	0	ANNUAL	LINE	5
4.13765	10.99	10.99	0	ANNUAL	LINE	5
4.1747	11.02	11.02	0	ANNUAL	LINE	5
3.92112	11.1	11.1	0	ANNUAL	LINE	5
3.44176	11.24	11.24	0	ANNUAL	LINE	5
3.2761	11.17	11.17	0	ANNUAL	LINE	5
2.85414	11.34	11.34	0	ANNUAL	LINE	5
2.57399	11.23	11.23	0	ANNUAL	LINE	5
2.21423	11.52	11.52	0	ANNUAL	LINE	5
2.25235	11.37	11.37	0	ANNUAL	LINE	5
2.4227	11.43	11.43	0	ANNUAL	LINE	5
2.55377	11.53	11.53	0	ANNUAL	LINE	5
2.73973	11.57	11.57	0	ANNUAL	LINE	5

2.77387	11.69	11.69	0	ANNUAL	LINE	5
2.72184	11.76	11.76	0	ANNUAL	LINE	5
2.61058	11.85	11.85	0	ANNUAL	LINE	5
2.56586	11.85	11.85	0	ANNUAL	LINE	5
2.30116	12.04	12.04	0	ANNUAL	LINE	5
2.28757	11.92	11.92	0	ANNUAL	LINE	5
1.92083	12.26	12.26	0	ANNUAL	LINE	5
1.43445	12.08	12.08	0	ANNUAL	LINE	5
1.55699	12.14	12.14	0	ANNUAL	LINE	5
1.81736	12.02	12.02	0	ANNUAL	LINE	5
1.75203	12.27	12.27	0	ANNUAL	LINE	5
1.94963	12.2	12.2	0	ANNUAL	LINE	5
1.84423	12.41	12.41	0	ANNUAL	LINE	5
1.94539	12.39	12.39	0	ANNUAL	LINE	5
1.96082	12.43	12.43	0	ANNUAL	LINE	5
1.86581	12.57	12.57	0	ANNUAL	LINE	5
1.94735	12.47	12.47	0	ANNUAL	LINE	5
1.76457	12.68	12.68	0	ANNUAL	LINE	5
1.71233	12.7	12.7	0	ANNUAL	LINE	5
1.11315	12.57	12.57	0	ANNUAL	LINE	5
1.22143	12.65	12.65	0	ANNUAL	LINE	5
1.25216	12.77	12.77	0	ANNUAL	LINE	5
0.89809	12.98	12.98	0	ANNUAL	LINE	5
0.7854	13.33	13.33	0	ANNUAL	LINE	5
1.26584	12.9	12.9	0	ANNUAL	LINE	5
1.37757	12.88	12.88	0	ANNUAL	LINE	5
1.06697	13.41	13.41	0	ANNUAL	LINE	5
1.44695	12.98	12.98	0	ANNUAL	LINE	5
1.43698	13.22	13.22	0	ANNUAL	LINE	5
1.46755	13.04	13.04	0	ANNUAL	LINE	5
1.15696	13.83	13.83	0	ANNUAL	LINE	5
0.82048	9.09	9.09	0	ANNUAL	LINE	5
1.01929	9.46	9.46	0	ANNUAL	LINE	5
1.19844	9.83	9.83	0	ANNUAL	LINE	5
1.34443	10.27	10.27	0	ANNUAL	LINE	5
0.68642	8.99	8.99	0	ANNUAL	LINE	5
0.95334	9.7	9.7	0	ANNUAL	LINE	5
1.19114	10.3	10.3	0	ANNUAL	LINE	5
0.96262	10.25	10.25	0	ANNUAL	LINE	5
0.79462	9.69	9.69	0	ANNUAL	LINE	5
0.50327	8.84	8.84	0	ANNUAL	LINE	5
0.4441	8.8	8.8	0	ANNUAL	LINE	5
0.54139	9.19	9.19	0	ANNUAL	LINE	5
0.6769	10.14	10.14	0	ANNUAL	LINE	5
0.59639	10.35	10.35	0	ANNUAL	LINE	5
0.49036	10.34	10.34	0	ANNUAL	LINE	5
0.35189	8.85	8.85	0	ANNUAL	LINE	5

0.292	8.98	8.98	0	ANNUAL	LINE	5
0.21562	9.1	9.1	0	ANNUAL	LINE	5
0.28963	9.83	9.83	0	ANNUAL	LINE	5
0.34252	10.37	10.37	0	ANNUAL	LINE	5
1.58326	10.84	10.84	0	ANNUAL	LINE	5
1.72935	11.18	11.18	0	ANNUAL	LINE	5
1.81216	11.53	11.53	0	ANNUAL	LINE	5
1.17209	10.99	10.99	0	ANNUAL	LINE	5
1.33436	11.53	11.53	0	ANNUAL	LINE	5
1.06121	11.91	11.91	0	ANNUAL	LINE	5
0.88806	11.11	11.11	0	ANNUAL	LINE	5
0.65486	11.22	11.22	0	ANNUAL	LINE	5
0.67462	11.49	11.49	0	ANNUAL	LINE	5
0.74218	12.09	12.09	0	ANNUAL	LINE	5
0.58284	11.78	11.78	0	ANNUAL	LINE	5
0.48467	11.08	11.08	0	ANNUAL	LINE	5
0.40747	10.96	10.96	0	ANNUAL	LINE	5
0.49104	11.84	11.84	0	ANNUAL	LINE	5
0.42857	11.71	11.71	0	ANNUAL	LINE	5
0.35545	10.96	10.96	0	ANNUAL	LINE	5
1.63629	12.17	12.17	0	ANNUAL	LINE	5
1.43556	12.29	12.29	0	ANNUAL	LINE	5
1.48031	12.78	12.78	0	ANNUAL	LINE	5
1.33609	12.9	12.9	0	ANNUAL	LINE	5
1.13753	12.37	12.37	0	ANNUAL	LINE	5
1.13313	13.08	13.08	0	ANNUAL	LINE	5
0.95426	12.43	12.43	0	ANNUAL	LINE	5
0.9276	13.26	13.26	0	ANNUAL	LINE	5
0.81189	13.41	13.41	0	ANNUAL	LINE	5
0.72072	12.65	12.65	0	ANNUAL	LINE	5
0.55127	12.49	12.49	0	ANNUAL	LINE	5
0.6806	13.47	13.47	0	ANNUAL	LINE	5
1.27558	13.47	13.47	0	ANNUAL	LINE	5
1.08028	14.03	14.03	0	ANNUAL	LINE	5
1.2037	13.51	13.51	0	ANNUAL	LINE	5
1.01145	14.17	14.17	0	ANNUAL	LINE	5
0.94695	14.28	14.28	0	ANNUAL	LINE	5
1.03352	13.62	13.62	0	ANNUAL	LINE	5
0.91938	14.21	14.21	0	ANNUAL	LINE	5
0.93915	13.71	13.71	0	ANNUAL	LINE	5
0.86053	13.79	13.79	0	ANNUAL	LINE	5
0.80792	14.49	14.49	0	ANNUAL	LINE	5
0.73113	14.54	14.54	0	ANNUAL	LINE	5
0.67306	14.65	14.65	0	ANNUAL	LINE	5
0.76825	13.86	13.86	0	ANNUAL	LINE	5
0.68315	13.99	13.99	0	ANNUAL	LINE	5
0.60414	14.03	14.03	0	ANNUAL	LINE	5

0.60903	14.48	14.48	0	ANNUAL	LINE	5
0.84615	14.83	14.83	0	ANNUAL	LINE	5
0.86205	14.74	14.74	0	ANNUAL	LINE	5
0.84196	14.77	14.77	0	ANNUAL	LINE	5
0.808	14.83	14.83	0	ANNUAL	LINE	5
0.76159	14.98	14.98	0	ANNUAL	LINE	5
0.72336	15.02	15.02	0	ANNUAL	LINE	5
0.67343	15.09	15.09	0	ANNUAL	LINE	5
0.63341	15.16	15.16	0	ANNUAL	LINE	5
0.59758	15.24	15.24	0	ANNUAL	LINE	5
0.56237	15.33	15.33	0	ANNUAL	LINE	5
0.95379	7.66	7.66	0	ANNUAL	LINE	5
0.68053	7.68	7.68	0	ANNUAL	LINE	5
0.57313	7.59	7.59	0	ANNUAL	LINE	5
0.49193	7.49	7.49	0	ANNUAL	LINE	5
0.42458	7.39	7.39	0	ANNUAL	LINE	5
0.37342	7.3	7.3	0	ANNUAL	LINE	5
0.32522	7.19	7.19	0	ANNUAL	LINE	5
0.30182	7.18	7.18	0	ANNUAL	LINE	5
0.26913	7.07	7.07	0	ANNUAL	LINE	5
0.24322	7.11	7.11	0	ANNUAL	LINE	5
0.18861	7.26	7.26	0	ANNUAL	LINE	5
0.17194	7.29	7.29	0	ANNUAL	LINE	5
0.15735	7.29	7.29	0	ANNUAL	LINE	5
0.14774	7.41	7.41	0	ANNUAL	LINE	5
0.13494	7.45	7.45	0	ANNUAL	LINE	5
0.12526	7.55	7.55	0	ANNUAL	LINE	5
0.11385	7.6	7.6	0	ANNUAL	LINE	5
0.61405	7.03	7.03	0	ANNUAL	LINE	5
0.50736	6.8	6.8	0	ANNUAL	LINE	5
0.42946	6.49	6.49	0	ANNUAL	LINE	5
0.35221	6.14	6.14	0	ANNUAL	LINE	5
0.32156	5.95	5.95	0	ANNUAL	LINE	5
0.2718	5.63	5.63	0	ANNUAL	LINE	5
0.4194	6.94	6.94	0	ANNUAL	LINE	5
0.5141	7.21	7.21	0	ANNUAL	LINE	5
0.36746	6.85	6.85	0	ANNUAL	LINE	5
0.32912	6.79	6.79	0	ANNUAL	LINE	5
0.3411	6.93	6.93	0	ANNUAL	LINE	5
0.31991	6.93	6.93	0	ANNUAL	LINE	5
0.28186	6.84	6.84	0	ANNUAL	LINE	5
0.28068	6.62	6.62	0	ANNUAL	LINE	5
0.27	6.65	6.65	0	ANNUAL	LINE	5
0.23991	6.56	6.56	0	ANNUAL	LINE	5
0.22037	6.57	6.57	0	ANNUAL	LINE	5
0.23929	6.73	6.73	0	ANNUAL	LINE	5
0.20522	6.79	6.79	0	ANNUAL	LINE	5

0.18973	6.87	6.87	0	ANNUAL	LINE	5
0.38106	6.58	6.58	0	ANNUAL	LINE	5
0.3492	6.41	6.41	0	ANNUAL	LINE	5
0.31999	6.22	6.22	0	ANNUAL	LINE	5
0.28739	5.99	5.99	0	ANNUAL	LINE	5
0.27053	5.86	5.86	0	ANNUAL	LINE	5
0.24793	5.64	5.64	0	ANNUAL	LINE	5
0.21986	5.38	5.38	0	ANNUAL	LINE	5
0.20076	5.31	5.31	0	ANNUAL	LINE	5
0.21644	5.5	5.5	0	ANNUAL	LINE	5
0.23709	5.73	5.73	0	ANNUAL	LINE	5
0.26452	5.97	5.97	0	ANNUAL	LINE	5
0.28675	6.19	6.19	0	ANNUAL	LINE	5
0.31637	6.41	6.41	0	ANNUAL	LINE	5
0.2525	6.19	6.19	0	ANNUAL	LINE	5
0.22558	5.9	5.9	0	ANNUAL	LINE	5
0.22214	6.08	6.08	0	ANNUAL	LINE	5
0.23548	6.27	6.27	0	ANNUAL	LINE	5
0.16037	5.16	5.16	0	ANNUAL	LINE	5
0.14559	5.01	5.01	0	ANNUAL	LINE	5
0.14698	5.22	5.22	0	ANNUAL	LINE	5
0.17577	5.49	5.49	0	ANNUAL	LINE	5
0.15714	5.43	5.43	0	ANNUAL	LINE	5
0.17041	5.68	5.68	0	ANNUAL	LINE	5
0.15465	5.73	5.73	0	ANNUAL	LINE	5
0.17932	5.89	5.89	0	ANNUAL	LINE	5
0.16872	6.03	6.03	0	ANNUAL	LINE	5
0.17328	6.26	6.26	0	ANNUAL	LINE	5
0.14986	6.13	6.13	0	ANNUAL	LINE	5
0.16255	6.43	6.43	0	ANNUAL	LINE	5
0.1456	6.7	6.7	0	ANNUAL	LINE	5
0.12538	6.61	6.61	0	ANNUAL	LINE	5
0.1415	6.91	6.91	0	ANNUAL	LINE	5
0.12953	7.02	7.02	0	ANNUAL	LINE	5
0.12042	7.18	7.18	0	ANNUAL	LINE	5
0.11043	6.99	6.99	0	ANNUAL	LINE	5
0.10966	7.22	7.22	0	ANNUAL	LINE	5
0.10089	7.04	7.04	0	ANNUAL	LINE	5
0.09521	7.17	7.17	0	ANNUAL	LINE	5
0.10112	7.33	7.33	0	ANNUAL	LINE	5
0.08948	7.3	7.3	0	ANNUAL	LINE	5
0.12114	5.03	5.03	0	ANNUAL	LINE	5
0.11796	5.3	5.3	0	ANNUAL	LINE	5
0.1266	5.51	5.51	0	ANNUAL	LINE	5
0.12513	5.74	5.74	0	ANNUAL	LINE	5
0.11194	5.56	5.56	0	ANNUAL	LINE	5
0.11409	5.87	5.87	0	ANNUAL	LINE	5

0.12094	6.08	6.08	0	ANNUAL	LINE	5
0.11369	6.34	6.34	0	ANNUAL	LINE	5
0.10173	6.24	6.24	0	ANNUAL	LINE	5
0.10432	6.49	6.49	0	ANNUAL	LINE	5
0.09695	6.52	6.52	0	ANNUAL	LINE	5
0.0897	6.27	6.27	0	ANNUAL	LINE	5
0.08923	6.67	6.67	0	ANNUAL	LINE	5
0.08368	6.42	6.42	0	ANNUAL	LINE	5
0.078	6.37	6.37	0	ANNUAL	LINE	5
0.08134	6.86	6.86	0	ANNUAL	LINE	5
0.09104	5.08	5.08	0	ANNUAL	LINE	5
0.09175	5.24	5.24	0	ANNUAL	LINE	5
0.08283	5.01	5.01	0	ANNUAL	LINE	5
0.09601	5.53	5.53	0	ANNUAL	LINE	5
0.08613	5.25	5.25	0	ANNUAL	LINE	5
0.08299	5.3	5.3	0	ANNUAL	LINE	5
0.09183	5.59	5.59	0	ANNUAL	LINE	5
0.08695	5.7	5.7	0	ANNUAL	LINE	5
0.07785	5.38	5.38	0	ANNUAL	LINE	5
0.08111	5.72	5.72	0	ANNUAL	LINE	5
0.07132	5.46	5.46	0	ANNUAL	LINE	5
0.07669	5.87	5.87	0	ANNUAL	LINE	5
0.07005	5.9	5.9	0	ANNUAL	LINE	5
0.06677	5.45	5.45	0	ANNUAL	LINE	5
0.07232	4.67	4.67	0	ANNUAL	LINE	5
0.07149	4.86	4.86	0	ANNUAL	LINE	5
0.06604	4.57	4.57	0	ANNUAL	LINE	5
0.06721	4.92	4.92	0	ANNUAL	LINE	5
0.06106	4.7	4.7	0	ANNUAL	LINE	5
0.06223	4.91	4.91	0	ANNUAL	LINE	5
0.20211	9.3	9.3	0	ANNUAL	LINE	5
0.26865	10.09	10.09	0	ANNUAL	LINE	5
0.25537	6.74	6.74	0	ANNUAL	LINE	5
0.22345	6.49	6.49	0	ANNUAL	LINE	5
0.19896	6.43	6.43	0	ANNUAL	LINE	5
0.17032	6.11	6.11	0	ANNUAL	LINE	5
0.1536	6.03	6.03	0	ANNUAL	LINE	5
0.13396	5.87	5.87	0	ANNUAL	LINE	5
0.12516	5.83	5.83	0	ANNUAL	LINE	5
0.10868	5.72	5.72	0	ANNUAL	LINE	5
0.23968	7.77	7.77	0	ANNUAL	LINE	5
0.23355	8.22	8.22	0	ANNUAL	LINE	5
0.19926	7.82	7.82	0	ANNUAL	LINE	5
0.20756	7.38	7.38	0	ANNUAL	LINE	5
0.18774	7.11	7.11	0	ANNUAL	LINE	5
0.1824	7.64	7.64	0	ANNUAL	LINE	5
0.13801	7.02	7.02	0	ANNUAL	LINE	5

0.14544	6.67	6.67	0	ANNUAL	LINE	5
0.13187	6.6	6.6	0	ANNUAL	LINE	5
0.12751	6.91	6.91	0	ANNUAL	LINE	5
0.11155	6.84	6.84	0	ANNUAL	LINE	5
0.11431	6.44	6.44	0	ANNUAL	LINE	5
0.10597	6.39	6.39	0	ANNUAL	LINE	5
0.1028	6.78	6.78	0	ANNUAL	LINE	5
0.20753	8.91	8.91	0	ANNUAL	LINE	5
0.18982	8.78	8.78	0	ANNUAL	LINE	5
0.16695	8.59	8.59	0	ANNUAL	LINE	5
0.15457	8.39	8.39	0	ANNUAL	LINE	5
0.13298	8.26	8.26	0	ANNUAL	LINE	5
0.12236	8.03	8.03	0	ANNUAL	LINE	5
0.10986	7.9	7.9	0	ANNUAL	LINE	5
0.09656	7.83	7.83	0	ANNUAL	LINE	5
0.20192	9.36	9.36	0	ANNUAL	LINE	5
0.18683	9.27	9.27	0	ANNUAL	LINE	5
0.16283	9.18	9.18	0	ANNUAL	LINE	5
0.15316	9.1	9.1	0	ANNUAL	LINE	5
0.13521	8.97	8.97	0	ANNUAL	LINE	5
0.12169	8.84	8.84	0	ANNUAL	LINE	5
0.11253	8.71	8.71	0	ANNUAL	LINE	5
0.09935	8.65	8.65	0	ANNUAL	LINE	5
0.18625	9.84	9.84	0	ANNUAL	LINE	5
0.16812	9.77	9.77	0	ANNUAL	LINE	5
0.15217	9.64	9.64	0	ANNUAL	LINE	5
0.14044	9.61	9.61	0	ANNUAL	LINE	5
0.12606	9.54	9.54	0	ANNUAL	LINE	5
0.11604	9.44	9.44	0	ANNUAL	LINE	5
0.10809	9.33	9.33	0	ANNUAL	LINE	5
0.1001	9.33	9.33	0	ANNUAL	LINE	5
0.17405	10.18	10.18	0	ANNUAL	LINE	5
0.15414	10.15	10.15	0	ANNUAL	LINE	5
0.14421	9.98	9.98	0	ANNUAL	LINE	5
0.13287	9.97	9.97	0	ANNUAL	LINE	5
0.12485	9.79	9.79	0	ANNUAL	LINE	5
0.1135	9.84	9.84	0	ANNUAL	LINE	5
0.10568	9.77	9.77	0	ANNUAL	LINE	5
0.09553	9.74	9.74	0	ANNUAL	LINE	5
0.15787	10.73	10.73	0	ANNUAL	LINE	5
0.14361	10.7	10.7	0	ANNUAL	LINE	5
0.13316	10.57	10.57	0	ANNUAL	LINE	5
0.12055	10.49	10.49	0	ANNUAL	LINE	5
0.11337	10.42	10.42	0	ANNUAL	LINE	5
0.10597	10.42	10.42	0	ANNUAL	LINE	5
0.1003	10.37	10.37	0	ANNUAL	LINE	5
0.09309	10.36	10.36	0	ANNUAL	LINE	5

0.0874	10.34	10.34	0	ANNUAL	LINE	5
0.13605	11.06	11.06	0	ANNUAL	LINE	5
0.12605	10.95	10.95	0	ANNUAL	LINE	5
0.1159	10.88	10.88	0	ANNUAL	LINE	5
0.1099	10.83	10.83	0	ANNUAL	LINE	5
0.10134	10.75	10.75	0	ANNUAL	LINE	5
0.09528	10.85	10.85	0	ANNUAL	LINE	5
0.08953	11.01	11.01	0	ANNUAL	LINE	5
0.0877	11.27	11.27	0	ANNUAL	LINE	5
0.13148	11.6	11.6	0	ANNUAL	LINE	5
0.12148	11.58	11.58	0	ANNUAL	LINE	5
0.11528	11.45	11.45	0	ANNUAL	LINE	5
0.10735	11.43	11.43	0	ANNUAL	LINE	5
0.09929	11.34	11.34	0	ANNUAL	LINE	5
0.09661	11.6	11.6	0	ANNUAL	LINE	5
0.09379	11.86	11.86	0	ANNUAL	LINE	5
0.08973	12.07	12.07	0	ANNUAL	LINE	5
0.08465	12.25	12.25	0	ANNUAL	LINE	5
0.0816	11.69	11.69	0	ANNUAL	LINE	5
0.07653	11.97	11.97	0	ANNUAL	LINE	5
0.09097	9.31	9.31	0	ANNUAL	LINE	5

Moss Street

2019 **Tier IV mitigation**

Construction Annual DPM Emissions (as PM10 Exhaust)

X (m)	Y (m)	Onsite Area Source Annual DPM Exhaust w/Unit Emissions (ug/m3)	Onsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Offsite L1 Annual DPM Exhaust w/Unit Emissions (ug/m3)	Offsite Annual DPM Exhaust w/Actual Emissions (ug/m3)	Total DPM (ug/m3)
491856.94	3608423.76	631633.5918	0.01763	2.71215	1.75387E-05	0.01765
491770.82	3608296.56	83768.45212	0.00234	40.63129	2.62751E-04	0.00260
491786.69	3608300.4	169029.1196	0.00472	37.16311	2.40324E-04	0.00496
491777.07	3608270.58	37629.84601	0.00105	18.63654	1.20517E-04	0.00117
491794.39	3608275.87	71537.09153	0.00200	18.30192	1.18353E-04	0.00212
491789.88	3608254.44	30952.91267	0.00086	11.83867	7.65574E-05	0.00094
491793.88	3608239.79	22440.86907	0.00063	8.50172	5.49783E-05	0.00068
491796.54	3608225.81	16889.37505	0.00047	6.29229	4.06905E-05	0.00051
491799.2	3608213.16	13520.08898	0.00038	4.82803	3.12215E-05	0.00041
491804.53	3608198.51	11109.97723	0.00031	3.60052	2.32836E-05	0.00033
491835.16	3608317.03	396533.5888	0.01107	17.47807	1.13026E-04	0.01118
491837.82	3608303.71	271820.1418	0.00759	16.36569	1.05832E-04	0.00769
491843.81	3608287.73	172647.9047	0.00482	13.10984	8.47777E-05	0.00490
491851.14	3608274.41	123009.1203	0.00343	10.45869	6.76335E-05	0.00350
491863.07	3608247.22	66875.79104	0.00187	6.89013	4.45566E-05	0.00191
491867.68	3608231.55	48552.36905	0.00136	5.50992	3.56311E-05	0.00139
491875.05	3608218.65	39141.4192	0.00109	4.51933	2.92253E-05	0.00112
491878.74	3608195.61	25762.88386	0.00072	3.29514	2.13088E-05	0.00074
491885.19	3608177.18	19590.4194	0.00055	2.54421	1.64527E-05	0.00056
491807.78	3608183.63	8991.73281	0.00025	2.70752	1.75088E-05	0.00027
491812.39	3608167.97	7461.70142	0.00021	2.04387	1.32171E-05	0.00022
491819.76	3608146.77	6015.00085	0.00017	1.44327	9.33323E-06	0.00018
491840.03	3608155.06	8586.85941	0.00024	1.76573	1.14185E-05	0.00025
491868.6	3608170.73	15061.64567	0.00042	2.33746	1.51157E-05	0.00044
491865.26	3608414.36	589528.9513	0.01646	2.83789	1.83519E-05	0.01648
491867.52	3608403.04	603276.5021	0.01684	3.15933	2.04305E-05	0.01686
491872.05	3608392.29	591456.4074	0.01651	3.45016	2.23112E-05	0.01654
491874.88	3608377.58	597304.6585	0.01668	4.03201	2.60739E-05	0.01670
491886.76	3608431.91	388718.8886	0.01085	2.05662	1.32996E-05	0.01087
491890.73	3608422.29	390103.9893	0.01089	2.21408	1.43178E-05	0.01091
491896.39	3608409.84	385911.6877	0.01077	2.42670	1.56928E-05	0.01079
491900.35	3608397.38	386378.606	0.01079	2.69290	1.74142E-05	0.01080
491903.74	3608384.93	384883.2425	0.01075	3.01035	1.94671E-05	0.01077
491912.8	3608444.92	257671.8221	0.00719	1.56146	1.00975E-05	0.00720
491917.89	3608432.47	263360.5712	0.00735	1.71251	1.10743E-05	0.00736
491921.29	3608418.89	272794.7326	0.00762	1.91468	1.23817E-05	0.00763
491926.95	3608408.14	268804.5308	0.00750	2.05708	1.33026E-05	0.00752
491930.91	3608396.25	268530.5384	0.00750	2.25717	1.45965E-05	0.00751
491950.72	3608425.12	194646.6309	0.00543	1.54420	9.98592E-06	0.00544
491954.11	3608416.06	196618.6307	0.00549	1.64752	1.06541E-05	0.00550
491959.21	3608404.74	195737.5449	0.00546	1.77690	1.14907E-05	0.00548
491984.11	3608467.56	110109.8527	0.00307	0.91756	5.93361E-06	0.00308
491987.5	3608453.98	118307.1477	0.00330	1.01343	6.55357E-06	0.00331
491993.16	3608442.66	121481.4834	0.00339	1.08708	7.02985E-06	0.00340
491998.26	3608432.47	123421.6186	0.00345	1.15656	7.47916E-06	0.00345
492002.22	3608421.15	126246.5201	0.00352	1.24684	8.06297E-06	0.00353
492012.41	3608475.49	83621.49564	0.00233	0.77086	4.98494E-06	0.00234
492015.24	3608463.6	89538.12932	0.00250	0.83799	5.41905E-06	0.00251

492020.9	3608451.15	93343.85437	0.00261	0.90443	5.84870E-06	0.00261
492024.29	3608441.53	96373.73261	0.00269	0.96222	6.22241E-06	0.00270
492028.25	3608428.51	100102.7559	0.00279	1.04776	6.77558E-06	0.00280
492037.31	3608486.24	64997.07485	0.00181	0.64922	4.19833E-06	0.00182
492042.4	3608472.09	70003.93619	0.00195	0.70953	4.58834E-06	0.00196
492046.36	3608461.34	73396.40947	0.00205	0.75843	4.90456E-06	0.00205
492050.89	3608450.58	76111.04301	0.00212	0.80837	5.22751E-06	0.00213
492055.42	3608440.4	78120.56521	0.00218	0.85687	5.54114E-06	0.00219
492065.61	3608493.6	51730.61634	0.00144	0.56015	3.62234E-06	0.00145
492069	3608481.15	55673.63012	0.00155	0.60579	3.91748E-06	0.00156
492075.23	3608469.26	58198.33458	0.00162	0.64600	4.17750E-06	0.00163
492078.06	3608457.38	61580.37877	0.00172	0.69626	4.50252E-06	0.00172
492082.59	3608446.62	63614.62687	0.00178	0.73928	4.78072E-06	0.00178
491873.18	3608334.56	510026.4393	0.01424	7.44433	4.81404E-05	0.01429
491929.78	3608349.84	275582.9614	0.00769	3.59829	2.32692E-05	0.00772
491879.97	3608317.02	336657.7205	0.00940	7.99283	5.16874E-05	0.00945
491893.22	3608305.33	244539.0944	0.00683	7.09578	4.58865E-05	0.00687
491889.89	3608289.35	180966.3293	0.00505	7.41382	4.79431E-05	0.00510
491907.21	3608277.37	138377.9598	0.00386	6.01035	3.88673E-05	0.00390
491909.87	3608246.74	79154.74331	0.00221	4.98056	3.22079E-05	0.00224
491914.53	3608232.76	62103.64315	0.00173	4.32670	2.79796E-05	0.00176
491920.52	3608219.44	50060.99609	0.00140	3.72852	2.41113E-05	0.00142
491923.85	3608203.46	38703.0525	0.00108	3.15801	2.04220E-05	0.00110
491922.52	3608187.48	29639.67512	0.00083	2.68938	1.73915E-05	0.00084
491933.84	3608176.16	26152.75972	0.00073	2.31799	1.49898E-05	0.00075
491936.5	3608332.63	234523.5732	0.00655	3.92068	2.53540E-05	0.00657
491945.82	3608306.66	173169.8634	0.00483	4.13765	2.67570E-05	0.00486
491948.49	3608292.02	145064.0697	0.00405	4.17470	2.69966E-05	0.00408
491954.48	3608266.71	103224.5835	0.00288	3.92112	2.53568E-05	0.00291
491965.8	3608249.4	80108.96105	0.00224	3.44176	2.22569E-05	0.00226
491959.81	3608230.76	62686.59318	0.00175	3.27610	2.11856E-05	0.00177
491973.12	3608219.44	53627.38352	0.00150	2.85414	1.84569E-05	0.00152
491965.13	3608198.8	40196.10183	0.00112	2.57399	1.66453E-05	0.00114
491987.11	3608190.14	36888.98902	0.00103	2.21423	1.43188E-05	0.00104
491975.79	3608366.59	178873.4984	0.00499	2.25235	1.45653E-05	0.00501
491980.45	3608353.27	169371.4764	0.00473	2.42270	1.56669E-05	0.00474
491988.44	3608337.29	152041.2074	0.00424	2.55377	1.65145E-05	0.00426
491991.77	3608319.32	136973.1522	0.00382	2.73973	1.77171E-05	0.00384
492001.09	3608294.68	110325.6905	0.00308	2.77387	1.79379E-05	0.00310
492006.41	3608282.03	97363.99563	0.00272	2.72184	1.76014E-05	0.00274
492013.07	3608266.05	82663.1572	0.00231	2.61058	1.68819E-05	0.00232
492013.07	3608251.4	72289.32148	0.00202	2.56586	1.65927E-05	0.00203
492028.39	3608241.41	62887.85268	0.00176	2.30116	1.48810E-05	0.00177
492019.07	3608222.77	53476.99655	0.00149	2.28757	1.47931E-05	0.00151
492045.7	3608210.78	45452.49661	0.00127	1.92083	1.24215E-05	0.00128
492031.05	3608385.23	112727.5006	0.00315	1.43445	9.27619E-06	0.00316
492035.71	3608369.92	110781.352	0.00309	1.55699	1.00686E-05	0.00310
492027.06	3608353.27	117475.215	0.00328	1.81736	1.17524E-05	0.00329
492046.36	3608339.96	100944.5021	0.00282	1.75203	1.13299E-05	0.00283
492040.37	3608324.64	101087.0358	0.00282	1.94963	1.26077E-05	0.00283
492057.02	3608313.32	87983.27103	0.00246	1.84423	1.19261E-05	0.00247
492055.69	3608297.34	82983.20924	0.00232	1.94539	1.25803E-05	0.00233
492059.02	3608282.03	75410.62761	0.00211	1.96082	1.26801E-05	0.00212
492069.67	3608270.04	67070.83152	0.00187	1.86581	1.20657E-05	0.00188
492061.68	3608253.4	62148.13063	0.00174	1.94735	1.25930E-05	0.00175
492078.32	3608241.41	53934.29894	0.00151	1.76457	1.14110E-05	0.00152
492079.66	3608226.76	48297.83936	0.00135	1.71233	1.10732E-05	0.00136
492069.51	3608395.3	84466.80709	0.00236	1.11315	7.19844E-06	0.00237
492076.17	3608375.99	83704.79149	0.00234	1.22143	7.89865E-06	0.00234
492085.49	3608364.01	79670.90896	0.00222	1.25216	8.09737E-06	0.00223

492102.14	3608406.62	66659.39687	0.00186	0.89809	5.80770E-06	0.00187
492129.44	3608410.61	56135.98193	0.00157	0.78540	5.07897E-06	0.00157
492095.48	3608352.69	75074.61459	0.00210	1.26584	8.18584E-06	0.00210
492094.15	3608336.04	74769.00478	0.00209	1.37757	8.90837E-06	0.00210
492135.43	3608348.69	59822.0277	0.00167	1.06697	6.89980E-06	0.00168
492101.47	3608312.74	68685.98252	0.00192	1.44695	9.35703E-06	0.00193
492120.78	3608244.15	47515.56367	0.00133	1.43698	9.29255E-06	0.00134
492106.8	3608297.42	63920.32042	0.00178	1.46755	9.49024E-06	0.00179
492168.06	3608256.14	42321.71042	0.00118	1.15696	7.48174E-06	0.00119
491832.47	3608106.99	4180.27461	0.00012	0.82048	5.30582E-06	0.00012
491853.78	3608116.31	5792.22388	0.00016	1.01929	6.59147E-06	0.00017
491874.42	3608123.64	7782.89246	0.00022	1.19844	7.74998E-06	0.00023
491899.72	3608128.96	10460.46231	0.00029	1.34443	8.69406E-06	0.00030
491836.47	3608093.01	3710.77936	0.00010	0.68642	4.43889E-06	0.00011
491877.09	3608106.33	6350.14878	0.00018	0.95334	6.16499E-06	0.00018
491905.05	3608118.98	9510.661	0.00027	1.19114	7.70278E-06	0.00027
491907.71	3608101.66	7734.16153	0.00022	0.96262	6.22500E-06	0.00022
491883.74	3608091.01	5569.59303	0.00016	0.79462	5.13859E-06	0.00016
491848.45	3608065.04	3079.74148	0.00009	0.50327	3.25451E-06	0.00009
491853.12	3608053.06	2845.00857	0.00008	0.44410	2.87187E-06	0.00008
491873.09	3608063.05	3716.66742	0.00010	0.54139	3.50102E-06	0.00011
491909.71	3608072.37	5512.02895	0.00015	0.67690	4.37733E-06	0.00016
491921.03	3608059.05	5157.77157	0.00014	0.59639	3.85669E-06	0.00015
491925.69	3608040.41	4365.67123	0.00012	0.49036	3.17102E-06	0.00013
491856.44	3608031.75	2391.11038	0.00007	0.35189	2.27558E-06	0.00007
491867.1	3608010.44	2147.01462	0.00006	0.29200	1.88828E-06	0.00006
491875.09	3607976.49	1718.34971	0.00005	0.21562	1.39436E-06	0.00005
491918.37	3607991.8	2607.50294	0.00007	0.28963	1.87296E-06	0.00007
491945	3608000.46	3347.42556	0.00009	0.34252	2.21498E-06	0.00010
491935.09	3608141.53	15811.72963	0.00044	1.58326	1.02385E-05	0.00045
491960.9	3608152.59	20885.93528	0.00058	1.72935	1.11832E-05	0.00059
491988.54	3608164.57	26680.53337	0.00074	1.81216	1.17187E-05	0.00076
491946.15	3608114.81	11726.3336	0.00033	1.17209	7.57958E-06	0.00033
491988.54	3608129.55	17191.33706	0.00048	1.33436	8.62894E-06	0.00049
492018.04	3608107.44	14609.94337	0.00041	1.06121	6.86255E-06	0.00041
491955.37	3608089	8955.75981	0.00025	0.88806	5.74284E-06	0.00026
491963.66	3608059.51	6685.43509	0.00019	0.65486	4.23480E-06	0.00019
491984.86	3608059.51	7477.34499	0.00021	0.67462	4.36258E-06	0.00021
492031.86	3608066.89	9871.96109	0.00028	0.74218	4.79947E-06	0.00028
492020.8	3608040.16	7216.79234	0.00020	0.58284	3.76907E-06	0.00021
491977.49	3608027.26	5172.79373	0.00014	0.48467	3.13423E-06	0.00015
491983.94	3608007.9	4445.64427	0.00012	0.40747	2.63500E-06	0.00013
492044.76	3608018.04	6426.81543	0.00018	0.49104	3.17542E-06	0.00018
492048.45	3608001.45	5605.04851	0.00016	0.42857	2.77144E-06	0.00016
491999.6	3607989.47	4066.56556	0.00011	0.35545	2.29860E-06	0.00012
492038.31	3608171.95	30870.0028	0.00086	1.63629	1.05814E-05	0.00087
492047.53	3608155.36	26046.82328	0.00073	1.43556	9.28337E-06	0.00074
492086.23	3608187.61	34800.01113	0.00097	1.48031	9.57276E-06	0.00098
492095.45	3608171.03	29921.10786	0.00084	1.33609	8.64013E-06	0.00084
492053.98	3608123.1	18782.21306	0.00052	1.13753	7.35609E-06	0.00053
492109.27	3608145.22	23826.16581	0.00067	1.13313	7.32764E-06	0.00067
492058.59	3608100.06	14968.14869	0.00042	0.95426	6.17094E-06	0.00042
492123.1	3608113.89	18276.37331	0.00051	0.92760	5.99853E-06	0.00052
492135.08	3608094.53	15629.64783	0.00044	0.81189	5.25027E-06	0.00044
492076.1	3608065.04	11034.36032	0.00031	0.72072	4.66070E-06	0.00031
492085.31	3608030.02	8189.43118	0.00023	0.55127	3.56491E-06	0.00023
492139.69	3608065.96	12391.12724	0.00035	0.68060	4.40125E-06	0.00035
492139.69	3608212.5	37320.35401	0.00104	1.27558	8.24883E-06	0.00105
492183.92	3608227.24	35481.27135	0.00099	1.08028	6.98587E-06	0.00100
492143.37	3608192.22	32542.94347	0.00091	1.20370	7.78400E-06	0.00092

492194.98	3608204.2	30785.83068	0.00086	1.01145	6.54077E-06	0.00087
492203.28	3608183.01	27032.74153	0.00075	0.94695	6.12367E-06	0.00076
492151.67	3608153.52	24592.58173	0.00069	1.03352	6.68349E-06	0.00069
492197.75	3608162.73	24382.24963	0.00068	0.91938	5.94538E-06	0.00069
492159.04	3608135.08	21371.48879	0.00060	0.93915	6.07323E-06	0.00060
492164.57	3608118.49	18861.03342	0.00053	0.86053	5.56481E-06	0.00053
492219.86	3608141.53	20767.73595	0.00058	0.80792	5.22460E-06	0.00059
492223.55	3608114.81	17605.82478	0.00049	0.73113	4.72802E-06	0.00050
492231.84	3608098.22	15772.55758	0.00044	0.67306	4.35249E-06	0.00044
492170.1	3608097.3	16098.24566	0.00045	0.76825	4.96806E-06	0.00045
492180.24	3608077.94	13955.35376	0.00039	0.68315	4.41774E-06	0.00039
492183.92	3608055.83	11864.67278	0.00033	0.60414	3.90681E-06	0.00034
492218.94	3608068.73	13103.09219	0.00037	0.60903	3.93843E-06	0.00037
492246.59	3608230.01	29459.61125	0.00082	0.84615	5.47182E-06	0.00083
492239.22	3608207.89	27744.96499	0.00077	0.86205	5.57464E-06	0.00078
492241.98	3608194.07	25986.19077	0.00073	0.84196	5.44472E-06	0.00073
492246.59	3608176.56	23745.69812	0.00066	0.80800	5.22511E-06	0.00067
492257.65	3608163.65	21811.33647	0.00061	0.76159	4.92499E-06	0.00061
492261.34	3608145.22	19794.15036	0.00055	0.72336	4.67777E-06	0.00056
492266.87	3608124.02	17592.10804	0.00049	0.67343	4.35489E-06	0.00050
492272.39	3608108.36	16065.59041	0.00045	0.63341	4.09609E-06	0.00045
492277.92	3608094.53	14809.70621	0.00041	0.59758	3.86439E-06	0.00042
492285.3	3608081.63	13701.00363	0.00038	0.56237	3.63669E-06	0.00039
491685.34	3608168.26	1905.1755	0.00005	0.95379	6.16790E-06	0.00006
491689.95	3608145.22	1616.14261	0.00005	0.68053	4.40080E-06	0.00005
491694.56	3608131.4	1490.70102	0.00004	0.57313	3.70627E-06	0.00005
491698.24	3608118.49	1381.51988	0.00004	0.49193	3.18118E-06	0.00004
491701.01	3608105.59	1277.01571	0.00004	0.42458	2.74564E-06	0.00004
491703.77	3608093.61	1191.86472	0.00003	0.37342	2.41480E-06	0.00004
491707.46	3608079.79	1107.7138	0.00003	0.32522	2.10311E-06	0.00003
491713.91	3608070.57	1083.94065	0.00003	0.30182	1.95179E-06	0.00003
491715.75	3608058.59	1012.41747	0.00003	0.26913	1.74039E-06	0.00003
491720.36	3608046.61	964.20218	0.00003	0.24322	1.57284E-06	0.00003
491732.34	3608014.36	849.87505	0.00002	0.18861	1.21969E-06	0.00002
491735.11	3608002.37	804.64468	0.00002	0.17194	1.11189E-06	0.00002
491735.11	3607991.32	754.55705	0.00002	0.15735	1.01754E-06	0.00002
491744.32	3607980.26	748.06203	0.00002	0.14774	9.55394E-07	0.00002
491747.09	3607967.35	707.05832	0.00002	0.13494	8.72620E-07	0.00002
491755.38	3607954.45	690.7191	0.00002	0.12526	8.10022E-07	0.00002
491759.07	3607939.71	651.23376	0.00002	0.11385	7.36237E-07	0.00002
491636.5	3608156.28	1317.55011	0.00004	0.61405	3.97089E-06	0.00004
491618.06	3608148.91	1155.56399	0.00003	0.50736	3.28096E-06	0.00004
491598.71	3608143.38	1035.22776	0.00003	0.42946	2.77720E-06	0.00003
491579.36	3608134.16	915.03025	0.00003	0.35221	2.27765E-06	0.00003
491565.53	3608132.32	865.75646	0.00002	0.32156	2.07944E-06	0.00003
491548.94	3608123.1	781.22765	0.00002	0.27180	1.75766E-06	0.00002
491654.01	3608119.42	1093.05063	0.00003	0.41940	2.71214E-06	0.00003
491663.22	3608133.24	1261.55124	0.00004	0.51410	3.32454E-06	0.00004
491657.69	3608106.51	1016.55434	0.00003	0.36746	2.37626E-06	0.00003
491663.22	3608094.53	961.6658	0.00003	0.32912	2.12833E-06	0.00003
491674.28	3608094.53	1013.91396	0.00003	0.34110	2.20580E-06	0.00003
491681.65	3608086.24	996.05117	0.00003	0.31991	2.06877E-06	0.00003
491686.26	3608072.42	932.10878	0.00003	0.28186	1.82271E-06	0.00003
491663.22	3608078.87	868.71747	0.00002	0.28068	1.81508E-06	0.00003
491671.52	3608072.42	865.98489	0.00002	0.27000	1.74602E-06	0.00003
491676.12	3608058.59	812.08348	0.00002	0.23991	1.55143E-06	0.00002
491678.89	3608048.45	773.86256	0.00002	0.22037	1.42507E-06	0.00002
491690.87	3608053.98	850.17689	0.00002	0.23929	1.54742E-06	0.00003
491695.48	3608035.55	779.20615	0.00002	0.20522	1.32710E-06	0.00002
491701.93	3608024.49	755.88226	0.00002	0.18973	1.22693E-06	0.00002

491624.52	3608121.26	982.59795	0.00003	0.38106	2.46421E-06	0.00003
491615.3	3608116.65	923.03046	0.00003	0.34920	2.25818E-06	0.00003
491603.32	3608112.97	867.25904	0.00002	0.31999	2.06929E-06	0.00003
491590.42	3608107.44	806.51646	0.00002	0.28739	1.85847E-06	0.00002
491582.12	3608104.67	774.91834	0.00002	0.27053	1.74944E-06	0.00002
491567.38	3608101.91	732.68088	0.00002	0.24793	1.60330E-06	0.00002
491553.55	3608094.53	678.74608	0.00002	0.21986	1.42177E-06	0.00002
491560	3608079.79	637.30235	0.00002	0.20076	1.29826E-06	0.00002
491571.98	3608083.47	669.156	0.00002	0.21644	1.39966E-06	0.00002
491585.81	3608088.08	711.15424	0.00002	0.23709	1.53320E-06	0.00002
491599.63	3608094.53	766.78998	0.00002	0.26452	1.71058E-06	0.00002
491614.38	3608097.3	814.843	0.00002	0.28675	1.85433E-06	0.00002
491626.36	3608102.83	877.45895	0.00002	0.31637	2.04588E-06	0.00003
491630.97	3608077.94	763.464	0.00002	0.25250	1.63285E-06	0.00002
491613.46	3608071.49	696.20751	0.00002	0.22558	1.45876E-06	0.00002
491635.57	3608062.28	706.00578	0.00002	0.22214	1.43652E-06	0.00002
491647.56	3608065.04	748.59786	0.00002	0.23548	1.52278E-06	0.00002
491568.3	3608046.61	544.90445	0.00002	0.16037	1.03707E-06	0.00002
491556.32	3608038.32	510.16707	0.00001	0.14559	9.41491E-07	0.00002
491572.91	3608032.79	512.18472	0.00001	0.14698	9.50479E-07	0.00002
491594.1	3608048.45	581.94028	0.00002	0.17577	1.13666E-06	0.00002
491589.49	3608035.55	537.61888	0.00002	0.15714	1.01618E-06	0.00002
491608.85	3608039.24	573.67335	0.00002	0.17041	1.10199E-06	0.00002
491612.53	3608025.41	537.6352	0.00002	0.15465	1.00008E-06	0.00002
491625.44	3608040.16	603.03153	0.00002	0.17932	1.15961E-06	0.00002
491636.5	3608029.1	586.7769	0.00002	0.16872	1.09107E-06	0.00002
491654.01	3608027.26	616.81819	0.00002	0.17328	1.12055E-06	0.00002
491643.87	3608011.59	547.07422	0.00002	0.14986	9.69103E-07	0.00002
491667.83	3608015.28	609.90493	0.00002	0.16255	1.05117E-06	0.00002
491689.03	3607995	601.27188	0.00002	0.14560	9.41555E-07	0.00002
491681.65	3607976.57	528.80566	0.00001	0.12538	8.10798E-07	0.00002
491704.69	3607986.71	621.67149	0.00002	0.14150	9.15042E-07	0.00002
491713.91	3607971.96	603.37593	0.00002	0.12953	8.37635E-07	0.00002
491725.89	3607958.14	598.23444	0.00002	0.12042	7.78723E-07	0.00002
491711.15	3607949.84	531.94139	0.00001	0.11043	7.14120E-07	0.00002
491729.58	3607943.39	565.80717	0.00002	0.10966	7.09141E-07	0.00002
491714.83	3607935.1	504.2339	0.00001	0.10089	6.52428E-07	0.00001
491724.97	3607923.12	500.55027	0.00001	0.09521	6.15697E-07	0.00001
491737.87	3607928.65	548.86938	0.00002	0.10112	6.53915E-07	0.00002
491735.11	3607910.22	495.12574	0.00001	0.08948	5.78643E-07	0.00001
491558.16	3608010.67	446.76664	0.00001	0.12114	7.83379E-07	0.00001
491579.36	3607998.69	437.37975	0.00001	0.11796	7.62815E-07	0.00001
491595.95	3608003.3	462.03995	0.00001	0.12660	8.18687E-07	0.00001
491613.46	3607995.92	463.12885	0.00001	0.12513	8.09181E-07	0.00001
491599.63	3607983.94	423.43448	0.00001	0.11194	7.23885E-07	0.00001
491623.59	3607979.33	437.88119	0.00001	0.11409	7.37789E-07	0.00001
491640.18	3607983.02	467.47351	0.00001	0.12094	7.82086E-07	0.00001
491660.46	3607968.28	466.12239	0.00001	0.11369	7.35202E-07	0.00001
491659.54	3607951.69	429.57667	0.00001	0.10173	6.57860E-07	0.00001
491677.05	3607950.77	457.63343	0.00001	0.10432	6.74609E-07	0.00001
491682.58	3607937.86	441.04738	0.00001	0.09695	6.26949E-07	0.00001
491670.6	3607928.65	403.26628	0.00001	0.08970	5.80065E-07	0.00001
491694.56	3607921.27	430.62047	0.00001	0.08923	5.77026E-07	0.00001
491682.58	3607913.9	396.2858	0.00001	0.08368	5.41136E-07	0.00001
491682.58	3607901.92	376.39613	0.00001	0.07800	5.04405E-07	0.00001
491705.62	3607902.84	416.61693	0.00001	0.08134	5.26003E-07	0.00001
491561.62	3607964.09	361.52381	0.00001	0.09104	5.88731E-07	0.00001
491578.12	3607959.66	363.39121	0.00001	0.09175	5.93322E-07	0.00001
491573.42	3607943.99	336.42249	0.00001	0.08283	5.35639E-07	0.00001
491600.84	3607959.66	378.65901	0.00001	0.09601	6.20870E-07	0.00001

491591.44	3607944.77	347.74317	0.00001	0.08613	5.56979E-07	0.00001
491603.97	3607934.59	340.58815	0.00001	0.08299	5.36674E-07	0.00001
491615.72	3607947.91	370.81638	0.00001	0.09183	5.93839E-07	0.00001
491636.09	3607933.02	366.04732	0.00001	0.08695	5.62282E-07	0.00001
491625.12	3607917.35	332.03167	0.00001	0.07785	5.03435E-07	0.00001
491644.71	3607918.92	353.35695	0.00001	0.08111	5.24516E-07	0.00001
491642.36	3607896.99	320.10969	0.00001	0.07132	4.61207E-07	0.00001
491658.03	3607905.6	348.86545	0.00001	0.07669	4.95933E-07	0.00001
491665.08	3607887.59	331.99941	0.00001	0.07005	4.52994E-07	0.00001
491647.06	3607883.67	307.77096	0.00001	0.06677	4.31783E-07	0.00001
491564.8	3607922.84	303.4827	0.00001	0.07232	4.67674E-07	0.00001
491587.52	3607913.44	301.75849	0.00001	0.07149	4.62306E-07	0.00001
491573.42	3607903.25	283.1073	0.00001	0.06604	4.27063E-07	0.00001
491607.11	3607896.2	291.63159	0.00001	0.06721	4.34629E-07	0.00001
491603.97	3607878.97	270.49998	0.00001	0.06106	3.94858E-07	0.00001
491621.99	3607877.4	279.96461	0.00001	0.06223	4.02424E-07	0.00001
491892.25	3607962.79	1729.53705	0.00005	0.20211	1.30699E-06	0.00005
491943.96	3607975.32	2655.68093	0.00007	0.26865	1.73729E-06	0.00008
491586.79	3608712.31	8409.91149	0.00023	0.25537	1.65141E-06	0.00024
491579.14	3608732.72	7291.76171	0.00020	0.22345	1.44499E-06	0.00021
491579.14	3608751.86	6533.0195	0.00018	0.19896	1.28662E-06	0.00018
491563.83	3608778.64	5465.98803	0.00015	0.17032	1.10141E-06	0.00015
491558.73	3608797.78	4905.57279	0.00014	0.15360	9.93289E-07	0.00014
491545.97	3608824.57	4212.34249	0.00012	0.13396	8.66283E-07	0.00012
491543.42	3608838.6	3929.01444	0.00011	0.12516	8.09375E-07	0.00011
491534.49	3608869.21	3382.56676	0.00009	0.10868	7.02804E-07	0.00010
491635.26	3608725.07	8556.303	0.00024	0.23968	1.54994E-06	0.00024
491665.88	3608731.45	8360.83188	0.00023	0.23355	1.51030E-06	0.00023
491654.4	3608756.96	6906.22993	0.00019	0.19926	1.28856E-06	0.00019
491627.61	3608748.03	7224.74672	0.00020	0.20756	1.34223E-06	0.00020
491621.23	3608764.61	6439.38955	0.00018	0.18774	1.21406E-06	0.00018
491651.85	3608772.27	6214.64483	0.00017	0.18240	1.17953E-06	0.00017
491635.26	3608823.29	4517.60807	0.00013	0.13801	8.92473E-07	0.00013
491608.48	3608810.54	4835.62481	0.00014	0.14544	9.40521E-07	0.00014
491603.37	3608829.67	4336.69451	0.00012	0.13187	8.52767E-07	0.00012
491627.61	3608838.6	4143.13594	0.00012	0.12751	8.24572E-07	0.00012
491622.51	3608866.66	3564.66602	0.00010	0.11155	7.21363E-07	0.00010
491590.62	3608859.01	3701.20145	0.00010	0.11431	7.39211E-07	0.00010
491586.79	3608875.59	3404.77827	0.00010	0.10597	6.85279E-07	0.00010
491617.41	3608884.52	3257.20091	0.00009	0.10280	6.64779E-07	0.00009
491707.97	3608753.13	7153.25801	0.00020	0.20753	1.34204E-06	0.00020
491702.87	3608768.44	6396.431	0.00018	0.18982	1.22751E-06	0.00018
491696.49	3608791.4	5468.59705	0.00015	0.16695	1.07962E-06	0.00015
491688.84	3608805.43	4998.74356	0.00014	0.15457	9.99562E-07	0.00014
491683.74	3608834.77	4189.63762	0.00012	0.13298	8.59945E-07	0.00012
491674.81	3608851.36	3820.01121	0.00011	0.12236	7.91269E-07	0.00011
491669.71	3608874.32	3379.43532	0.00009	0.10986	7.10434E-07	0.00010
491667.15	3608903.66	2914.7126	0.00008	0.09656	6.24427E-07	0.00008
491741.14	3608758.23	6978.56924	0.00019	0.20192	1.30576E-06	0.00020
491733.49	3608772.27	6281.67673	0.00018	0.18683	1.20818E-06	0.00018
491727.11	3608797.78	5275.56965	0.00015	0.16283	1.05298E-06	0.00015
491720.73	3608809.26	4893.44238	0.00014	0.15316	9.90444E-07	0.00014
491711.8	3608833.5	4219.16689	0.00012	0.13521	8.74366E-07	0.00012
491706.7	3608855.18	3729.43269	0.00010	0.12169	7.86936E-07	0.00010
491701.6	3608871.77	3409.51209	0.00010	0.11253	7.27701E-07	0.00010
491699.05	3608899.83	2955.05305	0.00008	0.09935	6.42469E-07	0.00008
491778.13	3608770.99	6583.73997	0.00018	0.18625	1.20443E-06	0.00019
491773.03	3608791.4	5700.1801	0.00016	0.16812	1.08719E-06	0.00016
491762.83	3608811.81	4952.10555	0.00014	0.15217	9.84042E-07	0.00014
491760.28	3608828.39	4468.7311	0.00012	0.14044	9.08187E-07	0.00013

491755.17	3608851.36	3900.00547	0.00011	0.12606	8.15195E-07	0.00011
491747.52	3608869.21	3518.43567	0.00010	0.11604	7.50399E-07	0.00010
491738.59	3608884.52	3229.67762	0.00009	0.10809	6.98988E-07	0.00009

Moss Street

2020 **Tier IV mitigation** **at Sensitive Receptors**

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)
491856.94	3608423.76	631633.5918	0.01374	2.71215	3.06021E-05	0.01377
491770.82	3608296.56	83768.45212	0.00182	40.63129	4.58456E-04	0.00228
491786.69	3608300.4	169029.1196	0.00368	37.16311	4.19323E-04	0.00410
491777.07	3608270.58	37629.84601	0.00082	18.63654	2.10282E-04	0.00103
491794.39	3608275.87	71537.09153	0.00156	18.30192	2.06507E-04	0.00176
491789.88	3608254.44	30952.91267	0.00067	11.83867	1.33580E-04	0.00081
491793.88	3608239.79	22440.86907	0.00049	8.50172	9.59277E-05	0.00058
491796.54	3608225.81	16889.37505	0.00037	6.29229	7.09980E-05	0.00044
491799.2	3608213.16	13520.08898	0.00029	4.82803	5.44762E-05	0.00035
491804.53	3608198.51	11109.97723	0.00024	3.60052	4.06258E-05	0.00028
491835.16	3608317.03	396533.5888	0.00862	17.47807	1.97211E-04	0.00882
491837.82	3608303.71	271820.1418	0.00591	16.36569	1.84659E-04	0.00610
491843.81	3608287.73	172647.9047	0.00375	13.10984	1.47923E-04	0.00390
491851.14	3608274.41	123009.1203	0.00268	10.45869	1.18009E-04	0.00279
491863.07	3608247.22	66875.79104	0.00145	6.89013	7.77436E-05	0.00153
491867.68	3608231.55	48552.36905	0.00106	5.50992	6.21702E-05	0.00112
491875.05	3608218.65	39141.4192	0.00085	4.51933	5.09931E-05	0.00090
491878.74	3608195.61	25762.88386	0.00056	3.29514	3.71801E-05	0.00060
491885.19	3608177.18	19590.4194	0.00043	2.54421	2.87071E-05	0.00045
491807.78	3608183.63	8991.73281	0.00020	2.70752	3.05498E-05	0.00023
491812.39	3608167.97	7461.70142	0.00016	2.04387	2.30616E-05	0.00019
491819.76	3608146.77	6015.00085	0.00013	1.44327	1.62849E-05	0.00015
491840.03	3608155.06	8586.85941	0.00019	1.76573	1.99233E-05	0.00021
491868.6	3608170.73	15061.64567	0.00033	2.33746	2.63743E-05	0.00035
491865.26	3608414.36	589528.9513	0.01282	2.83789	3.20208E-05	0.01285
491867.52	3608403.04	603276.5021	0.01312	3.15933	3.56477E-05	0.01316
491872.05	3608392.29	591456.4074	0.01286	3.45016	3.89293E-05	0.01290
491874.88	3608377.58	597304.6585	0.01299	4.03201	4.54945E-05	0.01304
491886.76	3608431.91	388718.8886	0.00845	2.05662	2.32055E-05	0.00848
491890.73	3608422.29	390103.9893	0.00848	2.21408	2.49822E-05	0.00851
491896.39	3608409.84	385911.6877	0.00839	2.42670	2.73812E-05	0.00842
491900.35	3608397.38	386378.606	0.00840	2.69290	3.03849E-05	0.00843
491903.74	3608384.93	384883.2425	0.00837	3.01035	3.39668E-05	0.00840
491912.8	3608444.92	257671.8221	0.00560	1.56146	1.76185E-05	0.00562
491917.89	3608432.47	263360.5712	0.00573	1.71251	1.93228E-05	0.00575

491921.29	3608418.89	272794.7326	0.00593	1.91468	2.16040E-05	0.00595
491926.95	3608408.14	268804.5308	0.00585	2.05708	2.32107E-05	0.00587
491930.91	3608396.25	268530.5384	0.00584	2.25717	2.54684E-05	0.00587
491950.72	3608425.12	194646.6309	0.00423	1.54420	1.74237E-05	0.00425
491954.11	3608416.06	196618.6307	0.00428	1.64752	1.85895E-05	0.00429
491959.21	3608404.74	195737.5449	0.00426	1.77690	2.00493E-05	0.00428
491984.11	3608467.56	110109.8527	0.00239	0.91756	1.03531E-05	0.00241
491987.5	3608453.98	118307.1477	0.00257	1.01343	1.14349E-05	0.00258
491993.16	3608442.66	121481.4834	0.00264	1.08708	1.22659E-05	0.00265
491998.26	3608432.47	123421.6186	0.00268	1.15656	1.30498E-05	0.00270
492002.22	3608421.15	126246.5201	0.00275	1.24684	1.40685E-05	0.00276
492012.41	3608475.49	83621.49564	0.00182	0.77086	8.69786E-06	0.00183
492015.24	3608463.6	89538.12932	0.00195	0.83799	9.45531E-06	0.00196
492020.9	3608451.15	93343.85437	0.00203	0.90443	1.02050E-05	0.00204
492024.29	3608441.53	96373.73261	0.00210	0.96222	1.08570E-05	0.00211
492028.25	3608428.51	100102.7559	0.00218	1.04776	1.18222E-05	0.00219
492037.31	3608486.24	64997.07485	0.00141	0.64922	7.32536E-06	0.00142
492042.4	3608472.09	70003.93619	0.00152	0.70953	8.00586E-06	0.00153
492046.36	3608461.34	73396.40947	0.00160	0.75843	8.55761E-06	0.00160
492050.89	3608450.58	76111.04301	0.00166	0.80837	9.12110E-06	0.00166
492055.42	3608440.4	78120.56521	0.00170	0.85687	9.66834E-06	0.00171
492065.61	3608493.6	51730.61634	0.00113	0.56015	6.32035E-06	0.00113
492069	3608481.15	55673.63012	0.00121	0.60579	6.83533E-06	0.00122
492075.23	3608469.26	58198.33458	0.00127	0.64600	7.28903E-06	0.00127
492078.06	3608457.38	61580.37877	0.00134	0.69626	7.85613E-06	0.00135
492082.59	3608446.62	63614.62687	0.00138	0.73928	8.34154E-06	0.00139
491873.18	3608334.56	510026.4393	0.01109	7.44433	8.39968E-05	0.01118
491929.78	3608349.84	275582.9614	0.00599	3.59829	4.06007E-05	0.00603
491879.97	3608317.02	336657.7205	0.00732	7.99283	9.01857E-05	0.00741
491893.22	3608305.33	244539.0944	0.00532	7.09578	8.00640E-05	0.00540
491889.89	3608289.35	180966.3293	0.00394	7.41382	8.36525E-05	0.00402
491907.21	3608277.37	138377.9598	0.00301	6.01035	6.78167E-05	0.00308
491909.87	3608246.74	79154.74331	0.00172	4.98056	5.61973E-05	0.00178
491914.53	3608232.76	62103.64315	0.00135	4.32670	4.88196E-05	0.00140
491920.52	3608219.44	50060.99609	0.00109	3.72852	4.20701E-05	0.00113
491923.85	3608203.46	38703.0525	0.00084	3.15801	3.56329E-05	0.00088
491922.52	3608187.48	29639.67512	0.00064	2.68938	3.03451E-05	0.00067
491933.84	3608176.16	26152.75972	0.00057	2.31799	2.61546E-05	0.00059
491936.5	3608332.63	234523.5732	0.00510	3.92068	4.42383E-05	0.00514
491945.82	3608306.66	173169.8634	0.00377	4.13765	4.66865E-05	0.00381
491948.49	3608292.02	145064.0697	0.00315	4.17470	4.71045E-05	0.00320
491954.48	3608266.71	103224.5835	0.00224	3.92112	4.42433E-05	0.00229
491965.8	3608249.4	80108.96105	0.00174	3.44176	3.88345E-05	0.00178
491959.81	3608230.76	62686.59318	0.00136	3.27610	3.69653E-05	0.00140

491973.12	3608219.44	53627.38352	0.00117	2.85414	3.22042E-05	0.00120
491965.13	3608198.8	40196.10183	0.00087	2.57399	2.90432E-05	0.00090
491987.11	3608190.14	36888.98902	0.00080	2.21423	2.49839E-05	0.00083
491975.79	3608366.59	178873.4984	0.00389	2.25235	2.54140E-05	0.00392
491980.45	3608353.27	169371.4764	0.00368	2.42270	2.73361E-05	0.00371
491988.44	3608337.29	152041.2074	0.00331	2.55377	2.88150E-05	0.00334
491991.77	3608319.32	136973.1522	0.00298	2.73973	3.09133E-05	0.00301
492001.09	3608294.68	110325.6905	0.00240	2.77387	3.12985E-05	0.00243
492006.41	3608282.03	97363.99563	0.00212	2.72184	3.07114E-05	0.00215
492013.07	3608266.05	82663.1572	0.00180	2.61058	2.94560E-05	0.00183
492013.07	3608251.4	72289.32148	0.00157	2.56586	2.89514E-05	0.00160
492028.39	3608241.41	62887.85268	0.00137	2.30116	2.59647E-05	0.00139
492019.07	3608222.77	53476.99655	0.00116	2.28757	2.58114E-05	0.00119
492045.7	3608210.78	45452.49661	0.00099	1.92083	2.16733E-05	0.00101
492031.05	3608385.23	112727.5006	0.00245	1.43445	1.61854E-05	0.00247
492035.71	3608369.92	110781.352	0.00241	1.55699	1.75680E-05	0.00243
492027.06	3608353.27	117475.215	0.00255	1.81736	2.05059E-05	0.00258
492046.36	3608339.96	100944.5021	0.00220	1.75203	1.97687E-05	0.00222
492040.37	3608324.64	101087.0358	0.00220	1.94963	2.19983E-05	0.00222
492057.02	3608313.32	87983.27103	0.00191	1.84423	2.08090E-05	0.00193
492055.69	3608297.34	82983.20924	0.00180	1.94539	2.19505E-05	0.00183
492059.02	3608282.03	75410.62761	0.00164	1.96082	2.21246E-05	0.00166
492069.67	3608270.04	67070.83152	0.00146	1.86581	2.10525E-05	0.00148
492061.68	3608253.4	62148.13063	0.00135	1.94735	2.19726E-05	0.00137
492078.32	3608241.41	53934.29894	0.00117	1.76457	1.99102E-05	0.00119
492079.66	3608226.76	48297.83936	0.00105	1.71233	1.93208E-05	0.00107
492069.51	3608395.3	84466.80709	0.00184	1.11315	1.25600E-05	0.00185
492076.17	3608375.99	83704.79149	0.00182	1.22143	1.37818E-05	0.00183
492085.49	3608364.01	79670.90896	0.00173	1.25216	1.41285E-05	0.00175
492102.14	3608406.62	66659.39687	0.00145	0.89809	1.01334E-05	0.00146
492129.44	3608410.61	56135.98193	0.00122	0.78540	8.86192E-06	0.00123
492095.48	3608352.69	75074.61459	0.00163	1.26584	1.42829E-05	0.00165
492094.15	3608336.04	74769.00478	0.00163	1.37757	1.55436E-05	0.00164
492135.43	3608348.69	59822.0277	0.00130	1.06697	1.20390E-05	0.00131
492101.47	3608312.74	68685.98252	0.00149	1.44695	1.63264E-05	0.00151
492120.78	3608244.15	47515.56367	0.00103	1.43698	1.62139E-05	0.00105
492106.8	3608297.42	63920.32042	0.00139	1.46755	1.65588E-05	0.00141
492168.06	3608256.14	42321.71042	0.00092	1.15696	1.30544E-05	0.00093
491832.47	3608106.99	4180.27461	0.00009	0.82048	9.25774E-06	0.00010
491853.78	3608116.31	5792.22388	0.00013	1.01929	1.15010E-05	0.00014
491874.42	3608123.64	7782.89246	0.00017	1.19844	1.35224E-05	0.00018
491899.72	3608128.96	10460.46231	0.00023	1.34443	1.51696E-05	0.00024
491836.47	3608093.01	3710.77936	0.00008	0.68642	7.74510E-06	0.00009
491877.09	3608106.33	6350.14878	0.00014	0.95334	1.07568E-05	0.00015

491905.05	3608118.98	9510.661	0.00021	1.19114	1.34400E-05	0.00022
491907.71	3608101.66	7734.16153	0.00017	0.96262	1.08616E-05	0.00018
491883.74	3608091.01	5569.59303	0.00012	0.79462	8.96596E-06	0.00013
491848.45	3608065.04	3079.74148	0.00007	0.50327	5.67856E-06	0.00007
491853.12	3608053.06	2845.00857	0.00006	0.44410	5.01092E-06	0.00007
491873.09	3608063.05	3716.66742	0.00008	0.54139	6.10868E-06	0.00009
491909.71	3608072.37	5512.02895	0.00012	0.67690	7.63768E-06	0.00013
491921.03	3608059.05	5157.77157	0.00011	0.59639	6.72926E-06	0.00012
491925.69	3608040.41	4365.67123	0.00009	0.49036	5.53289E-06	0.00010
491856.44	3608031.75	2391.11038	0.00005	0.35189	3.97049E-06	0.00006
491867.1	3608010.44	2147.01462	0.00005	0.29200	3.29473E-06	0.00005
491875.09	3607976.49	1718.34971	0.00004	0.21562	2.43291E-06	0.00004
491918.37	3607991.8	2607.50294	0.00006	0.28963	3.26799E-06	0.00006
491945	3608000.46	3347.42556	0.00007	0.34252	3.86476E-06	0.00008
491935.09	3608141.53	15811.72963	0.00034	1.58326	1.78644E-05	0.00036
491960.9	3608152.59	20885.93528	0.00045	1.72935	1.95128E-05	0.00047
491988.54	3608164.57	26680.53337	0.00058	1.81216	2.04472E-05	0.00060
491946.15	3608114.81	11726.3336	0.00026	1.17209	1.32251E-05	0.00027
491988.54	3608129.55	17191.33706	0.00037	1.33436	1.50560E-05	0.00039
492018.04	3608107.44	14609.94337	0.00032	1.06121	1.19740E-05	0.00033
491955.37	3608089	8955.75981	0.00019	0.88806	1.00203E-05	0.00020
491963.66	3608059.51	6685.43509	0.00015	0.65486	7.38900E-06	0.00015
491984.86	3608059.51	7477.34499	0.00016	0.67462	7.61196E-06	0.00017
492031.86	3608066.89	9871.96109	0.00021	0.74218	8.37426E-06	0.00022
492020.8	3608040.16	7216.79234	0.00016	0.58284	6.57637E-06	0.00016
491977.49	3608027.26	5172.79373	0.00011	0.48467	5.46869E-06	0.00012
491983.94	3608007.9	4445.64427	0.00010	0.40747	4.59762E-06	0.00010
492044.76	3608018.04	6426.81543	0.00014	0.49104	5.54056E-06	0.00015
492048.45	3608001.45	5605.04851	0.00012	0.42857	4.83569E-06	0.00013
491999.6	3607989.47	4066.56556	0.00009	0.35545	4.01066E-06	0.00009
492038.31	3608171.95	30870.0028	0.00067	1.63629	1.84628E-05	0.00069
492047.53	3608155.36	26046.82328	0.00057	1.43556	1.61979E-05	0.00058
492086.23	3608187.61	34800.01113	0.00076	1.48031	1.67028E-05	0.00077
492095.45	3608171.03	29921.10786	0.00065	1.33609	1.50755E-05	0.00067
492053.98	3608123.1	18782.21306	0.00041	1.13753	1.28351E-05	0.00042
492109.27	3608145.22	23826.16581	0.00052	1.13313	1.27855E-05	0.00053
492058.59	3608100.06	14968.14869	0.00033	0.95426	1.07672E-05	0.00034
492123.1	3608113.89	18276.37331	0.00040	0.92760	1.04664E-05	0.00041
492135.08	3608094.53	15629.64783	0.00034	0.81189	9.16082E-06	0.00035
492076.1	3608065.04	11034.36032	0.00024	0.72072	8.13212E-06	0.00025
492085.31	3608030.02	8189.43118	0.00018	0.55127	6.22016E-06	0.00018
492139.69	3608065.96	12391.12724	0.00027	0.68060	7.67943E-06	0.00028
492139.69	3608212.5	37320.35401	0.00081	1.27558	1.43928E-05	0.00083
492183.92	3608227.24	35481.27135	0.00077	1.08028	1.21892E-05	0.00078

492143.37	3608192.22	32542.94347	0.00071	1.20370	1.35817E-05	0.00072
492194.98	3608204.2	30785.83068	0.00067	1.01145	1.14125E-05	0.00068
492203.28	3608183.01	27032.74153	0.00059	0.94695	1.06847E-05	0.00060
492151.67	3608153.52	24592.58173	0.00053	1.03352	1.16615E-05	0.00055
492197.75	3608162.73	24382.24963	0.00053	0.91938	1.03737E-05	0.00054
492159.04	3608135.08	21371.48879	0.00046	0.93915	1.05967E-05	0.00048
492164.57	3608118.49	18861.03342	0.00041	0.86053	9.70964E-06	0.00042
492219.86	3608141.53	20767.73595	0.00045	0.80792	9.11602E-06	0.00046
492223.55	3608114.81	17605.82478	0.00038	0.73113	8.24958E-06	0.00039
492231.84	3608098.22	15772.55758	0.00034	0.67306	7.59435E-06	0.00035
492170.1	3608097.3	16098.24566	0.00035	0.76825	8.66841E-06	0.00036
492180.24	3608077.94	13955.35376	0.00030	0.68315	7.70820E-06	0.00031
492183.92	3608055.83	11864.67278	0.00026	0.60414	6.81671E-06	0.00026
492218.94	3608068.73	13103.09219	0.00028	0.60903	6.87188E-06	0.00029
492246.59	3608230.01	29459.61125	0.00064	0.84615	9.54739E-06	0.00065
492239.22	3608207.89	27744.96499	0.00060	0.86205	9.72679E-06	0.00061
492241.98	3608194.07	25986.19077	0.00057	0.84196	9.50011E-06	0.00057
492246.59	3608176.56	23745.69812	0.00052	0.80800	9.11693E-06	0.00053
492257.65	3608163.65	21811.33647	0.00047	0.76159	8.59327E-06	0.00048
492261.34	3608145.22	19794.15036	0.00043	0.72336	8.16191E-06	0.00044
492266.87	3608124.02	17592.10804	0.00038	0.67343	7.59853E-06	0.00039
492272.39	3608108.36	16065.59041	0.00035	0.63341	7.14697E-06	0.00036
492277.92	3608094.53	14809.70621	0.00032	0.59758	6.74269E-06	0.00033
492285.3	3608081.63	13701.00363	0.00030	0.56237	6.34540E-06	0.00030
491685.34	3608168.26	1905.1755	0.00004	0.95379	1.07619E-05	0.00005
491689.95	3608145.22	1616.14261	0.00004	0.68053	7.67864E-06	0.00004
491694.56	3608131.4	1490.70102	0.00003	0.57313	6.46681E-06	0.00004
491698.24	3608118.49	1381.51988	0.00003	0.49193	5.55061E-06	0.00004
491701.01	3608105.59	1277.01571	0.00003	0.42458	4.79067E-06	0.00003
491703.77	3608093.61	1191.86472	0.00003	0.37342	4.21342E-06	0.00003
491707.46	3608079.79	1107.7138	0.00002	0.32522	3.66956E-06	0.00003
491713.91	3608070.57	1083.94065	0.00002	0.30182	3.40553E-06	0.00003
491715.75	3608058.59	1012.41747	0.00002	0.26913	3.03668E-06	0.00003
491720.36	3608046.61	964.20218	0.00002	0.24322	2.74433E-06	0.00002
491732.34	3608014.36	849.87505	0.00002	0.18861	2.12815E-06	0.00002
491735.11	3608002.37	804.64468	0.00002	0.17194	1.94005E-06	0.00002
491735.11	3607991.32	754.55705	0.00002	0.15735	1.77543E-06	0.00002
491744.32	3607980.26	748.06203	0.00002	0.14774	1.66700E-06	0.00002
491747.09	3607967.35	707.05832	0.00002	0.13494	1.52257E-06	0.00002
491755.38	3607954.45	690.7191	0.00002	0.12526	1.41335E-06	0.00002
491759.07	3607939.71	651.23376	0.00001	0.11385	1.28461E-06	0.00002
491636.5	3608156.28	1317.55011	0.00003	0.61405	6.92853E-06	0.00004
491618.06	3608148.91	1155.56399	0.00003	0.50736	5.72471E-06	0.00003
491598.71	3608143.38	1035.22776	0.00002	0.42946	4.84574E-06	0.00003

491579.36	3608134.16	915.03025	0.00002	0.35221	3.97410E-06	0.00002
491565.53	3608132.32	865.75646	0.00002	0.32156	3.62827E-06	0.00002
491548.94	3608123.1	781.22765	0.00002	0.27180	3.06681E-06	0.00002
491654.01	3608119.42	1093.05063	0.00002	0.41940	4.73223E-06	0.00003
491663.22	3608133.24	1261.55124	0.00003	0.51410	5.80076E-06	0.00003
491657.69	3608106.51	1016.55434	0.00002	0.36746	4.14617E-06	0.00003
491663.22	3608094.53	961.6658	0.00002	0.32912	3.71357E-06	0.00002
491674.28	3608094.53	1013.91396	0.00002	0.34110	3.84874E-06	0.00003
491681.65	3608086.24	996.05117	0.00002	0.31991	3.60965E-06	0.00003
491686.26	3608072.42	932.10878	0.00002	0.28186	3.18032E-06	0.00002
491663.22	3608078.87	868.71747	0.00002	0.28068	3.16700E-06	0.00002
491671.52	3608072.42	865.98489	0.00002	0.27000	3.04650E-06	0.00002
491676.12	3608058.59	812.08348	0.00002	0.23991	2.70698E-06	0.00002
491678.89	3608048.45	773.86256	0.00002	0.22037	2.48651E-06	0.00002
491690.87	3608053.98	850.17689	0.00002	0.23929	2.69999E-06	0.00002
491695.48	3608035.55	779.20615	0.00002	0.20522	2.31556E-06	0.00002
491701.93	3608024.49	755.88226	0.00002	0.18973	2.14079E-06	0.00002
491624.52	3608121.26	982.59795	0.00002	0.38106	4.29962E-06	0.00003
491615.3	3608116.65	923.03046	0.00002	0.34920	3.94014E-06	0.00002
491603.32	3608112.97	867.25904	0.00002	0.31999	3.61055E-06	0.00002
491590.42	3608107.44	806.51646	0.00002	0.28739	3.24271E-06	0.00002
491582.12	3608104.67	774.91834	0.00002	0.27053	3.05248E-06	0.00002
491567.38	3608101.91	732.68088	0.00002	0.24793	2.79747E-06	0.00002
491553.55	3608094.53	678.74608	0.00001	0.21986	2.48075E-06	0.00002
491560	3608079.79	637.30235	0.00001	0.20076	2.26524E-06	0.00002
491571.98	3608083.47	669.156	0.00001	0.21644	2.44216E-06	0.00002
491585.81	3608088.08	711.15424	0.00002	0.23709	2.67516E-06	0.00002
491599.63	3608094.53	766.78998	0.00002	0.26452	2.98467E-06	0.00002
491614.38	3608097.3	814.843	0.00002	0.28675	3.23549E-06	0.00002
491626.36	3608102.83	877.45895	0.00002	0.31637	3.56971E-06	0.00002
491630.97	3608077.94	763.464	0.00002	0.25250	2.84904E-06	0.00002
491613.46	3608071.49	696.20751	0.00002	0.22558	2.54529E-06	0.00002
491635.57	3608062.28	706.00578	0.00002	0.22214	2.50648E-06	0.00002
491647.56	3608065.04	748.59786	0.00002	0.23548	2.65700E-06	0.00002
491568.3	3608046.61	544.90445	0.00001	0.16037	1.80951E-06	0.00001
491556.32	3608038.32	510.16707	0.00001	0.14559	1.64274E-06	0.00001
491572.91	3608032.79	512.18472	0.00001	0.14698	1.65842E-06	0.00001
491594.1	3608048.45	581.94028	0.00001	0.17577	1.98327E-06	0.00001
491589.49	3608035.55	537.61888	0.00001	0.15714	1.77306E-06	0.00001
491608.85	3608039.24	573.67335	0.00001	0.17041	1.92279E-06	0.00001
491612.53	3608025.41	537.6352	0.00001	0.15465	1.74497E-06	0.00001
491625.44	3608040.16	603.03153	0.00001	0.17932	2.02333E-06	0.00002
491636.5	3608029.1	586.7769	0.00001	0.16872	1.90372E-06	0.00001
491654.01	3608027.26	616.81819	0.00001	0.17328	1.95517E-06	0.00002

491643.87	3608011.59	547.07422	0.00001	0.14986	1.69092E-06	0.00001
491667.83	3608015.28	609.90493	0.00001	0.16255	1.83410E-06	0.00002
491689.03	3607995	601.27188	0.00001	0.14560	1.64285E-06	0.00001
491681.65	3607976.57	528.80566	0.00001	0.12538	1.41470E-06	0.00001
491704.69	3607986.71	621.67149	0.00001	0.14150	1.59659E-06	0.00002
491713.91	3607971.96	603.37593	0.00001	0.12953	1.46153E-06	0.00001
491725.89	3607958.14	598.23444	0.00001	0.12042	1.35874E-06	0.00001
491711.15	3607949.84	531.94139	0.00001	0.11043	1.24602E-06	0.00001
491729.58	3607943.39	565.80717	0.00001	0.10966	1.23733E-06	0.00001
491714.83	3607935.1	504.2339	0.00001	0.10089	1.13837E-06	0.00001
491724.97	3607923.12	500.55027	0.00001	0.09521	1.07429E-06	0.00001
491737.87	3607928.65	548.86938	0.00001	0.10112	1.14097E-06	0.00001
491735.11	3607910.22	495.12574	0.00001	0.08948	1.00963E-06	0.00001
491558.16	3608010.67	446.76664	0.00001	0.12114	1.36686E-06	0.00001
491579.36	3607998.69	437.37975	0.00001	0.11796	1.33098E-06	0.00001
491595.95	3608003.3	462.03995	0.00001	0.12660	1.42847E-06	0.00001
491613.46	3607995.92	463.12885	0.00001	0.12513	1.41188E-06	0.00001
491599.63	3607983.94	423.43448	0.00001	0.11194	1.26306E-06	0.00001
491623.59	3607979.33	437.88119	0.00001	0.11409	1.28731E-06	0.00001
491640.18	3607983.02	467.47351	0.00001	0.12094	1.36461E-06	0.00001
491660.46	3607968.28	466.12239	0.00001	0.11369	1.28280E-06	0.00001
491659.54	3607951.69	429.57667	0.00001	0.10173	1.14785E-06	0.00001
491677.05	3607950.77	457.63343	0.00001	0.10432	1.17708E-06	0.00001
491682.58	3607937.86	441.04738	0.00001	0.09695	1.09392E-06	0.00001
491670.6	3607928.65	403.26628	0.00001	0.08970	1.01211E-06	0.00001
491694.56	3607921.27	430.62047	0.00001	0.08923	1.00681E-06	0.00001
491682.58	3607913.9	396.2858	0.00001	0.08368	9.44189E-07	0.00001
491682.58	3607901.92	376.39613	0.00001	0.07800	8.80099E-07	0.00001
491705.62	3607902.84	416.61693	0.00001	0.08134	9.17786E-07	0.00001
491561.62	3607964.09	361.52381	0.00001	0.09104	1.02723E-06	0.00001
491578.12	3607959.66	363.39121	0.00001	0.09175	1.03525E-06	0.00001
491573.42	3607943.99	336.42249	0.00001	0.08283	9.34598E-07	0.00001
491600.84	3607959.66	378.65901	0.00001	0.09601	1.08331E-06	0.00001
491591.44	3607944.77	347.74317	0.00001	0.08613	9.71833E-07	0.00001
491603.97	3607934.59	340.58815	0.00001	0.08299	9.36403E-07	0.00001
491615.72	3607947.91	370.81638	0.00001	0.09183	1.03615E-06	0.00001
491636.09	3607933.02	366.04732	0.00001	0.08695	9.81085E-07	0.00001
491625.12	3607917.35	332.03167	0.00001	0.07785	8.78407E-07	0.00001
491644.71	3607918.92	353.35695	0.00001	0.08111	9.15191E-07	0.00001
491642.36	3607896.99	320.10969	0.00001	0.07132	8.04727E-07	0.00001
491658.03	3607905.6	348.86545	0.00001	0.07669	8.65318E-07	0.00001
491665.08	3607887.59	331.99941	0.00001	0.07005	7.90397E-07	0.00001
491647.06	3607883.67	307.77096	0.00001	0.06677	7.53388E-07	0.00001
491564.8	3607922.84	303.4827	0.00001	0.07232	8.16010E-07	0.00001

491587.52	3607913.44	301.75849	0.00001	0.07149	8.06645E-07	0.00001
491573.42	3607903.25	283.1073	0.00001	0.06604	7.45151E-07	0.00001
491607.11	3607896.2	291.63159	0.00001	0.06721	7.58352E-07	0.00001
491603.97	3607878.97	270.49998	0.00001	0.06106	6.88960E-07	0.00001
491621.99	3607877.4	279.96461	0.00001	0.06223	7.02161E-07	0.00001
491892.25	3607962.79	1729.53705	0.00004	0.20211	2.28047E-06	0.00004
491943.96	3607975.32	2655.68093	0.00006	0.26865	3.03127E-06	0.00006
491586.79	3608712.31	8409.91149	0.00018	0.25537	2.88142E-06	0.00019
491579.14	3608732.72	7291.76171	0.00016	0.22345	2.52126E-06	0.00016
491579.14	3608751.86	6533.0195	0.00014	0.19896	2.24493E-06	0.00014
491563.83	3608778.64	5465.98803	0.00012	0.17032	1.92178E-06	0.00012
491558.73	3608797.78	4905.57279	0.00011	0.15360	1.73312E-06	0.00011
491545.97	3608824.57	4212.34249	0.00009	0.13396	1.51151E-06	0.00009
491543.42	3608838.6	3929.01444	0.00009	0.12516	1.41222E-06	0.00009
491534.49	3608869.21	3382.56676	0.00007	0.10868	1.22627E-06	0.00007
491635.26	3608725.07	8556.303	0.00019	0.23968	2.70439E-06	0.00019
491665.88	3608731.45	8360.83188	0.00018	0.23355	2.63522E-06	0.00018
491654.4	3608756.96	6906.22993	0.00015	0.19926	2.24832E-06	0.00015
491627.61	3608748.03	7224.74672	0.00016	0.20756	2.34197E-06	0.00016
491621.23	3608764.61	6439.38955	0.00014	0.18774	2.11833E-06	0.00014
491651.85	3608772.27	6214.64483	0.00014	0.18240	2.05808E-06	0.00014
491635.26	3608823.29	4517.60807	0.00010	0.13801	1.55721E-06	0.00010
491608.48	3608810.54	4835.62481	0.00011	0.14544	1.64105E-06	0.00011
491603.37	3608829.67	4336.69451	0.00009	0.13187	1.48793E-06	0.00010
491627.61	3608838.6	4143.13594	0.00009	0.12751	1.43874E-06	0.00009
491622.51	3608866.66	3564.66602	0.00008	0.11155	1.25865E-06	0.00008
491590.62	3608859.01	3701.20145	0.00008	0.11431	1.28980E-06	0.00008
491586.79	3608875.59	3404.77827	0.00007	0.10597	1.19569E-06	0.00008
491617.41	3608884.52	3257.20091	0.00007	0.10280	1.15993E-06	0.00007
491707.97	3608753.13	7153.25801	0.00016	0.20753	2.34163E-06	0.00016
491702.87	3608768.44	6396.431	0.00014	0.18982	2.14180E-06	0.00014
491696.49	3608791.4	5468.59705	0.00012	0.16695	1.88375E-06	0.00012
491688.84	3608805.43	4998.74356	0.00011	0.15457	1.74406E-06	0.00011
491683.74	3608834.77	4189.63762	0.00009	0.13298	1.50046E-06	0.00009
491674.81	3608851.36	3820.01121	0.00008	0.12236	1.38063E-06	0.00008
491669.71	3608874.32	3379.43532	0.00007	0.10986	1.23959E-06	0.00007
491667.15	3608903.66	2914.7126	0.00006	0.09656	1.08952E-06	0.00006
491741.14	3608758.23	6978.56924	0.00015	0.20192	2.27833E-06	0.00015
491733.49	3608772.27	6281.67673	0.00014	0.18683	2.10806E-06	0.00014
491727.11	3608797.78	5275.56965	0.00011	0.16283	1.83726E-06	0.00012
491720.73	3608809.26	4893.44238	0.00011	0.15316	1.72815E-06	0.00011
491711.8	3608833.5	4219.16689	0.00009	0.13521	1.52562E-06	0.00009
491706.7	3608855.18	3729.43269	0.00008	0.12169	1.37307E-06	0.00008
491701.6	3608871.77	3409.51209	0.00007	0.11253	1.26971E-06	0.00008

491699.05	3608899.83	2955.05305	0.00006	0.09935	1.12100E-06	0.00007
491778.13	3608770.99	6583.73997	0.00014	0.18625	2.10152E-06	0.00015
491773.03	3608791.4	5700.1801	0.00012	0.16812	1.89695E-06	0.00013
491762.83	3608811.81	4952.10555	0.00011	0.15217	1.71698E-06	0.00011
491760.28	3608828.39	4468.7311	0.00010	0.14044	1.58463E-06	0.00010
491755.17	3608851.36	3900.00547	0.00008	0.12606	1.42238E-06	0.00009
491747.52	3608869.21	3518.43567	0.00008	0.11604	1.30932E-06	0.00008
491738.59	3608884.52	3229.67762	0.00007	0.10809	1.21961E-06	0.00007
491738.59	3608902.38	2954.26121	0.00006	0.10010	1.12946E-06	0.00007
491804.92	3608781.2	6318.52159	0.00014	0.17405	1.96386E-06	0.00014
491802.37	3608806.71	5337.54307	0.00012	0.15414	1.73921E-06	0.00012
491789.61	3608822.02	4788.76329	0.00010	0.14421	1.62717E-06	0.00011
491788.34	3608839.87	4305.57852	0.00009	0.13287	1.49922E-06	0.00010
491774.31	3608853.91	3917.0837	0.00009	0.12485	1.40872E-06	0.00009
491778.13	3608875.59	3499.89081	0.00008	0.11350	1.28066E-06	0.00008
491773.03	3608892.17	3197.355	0.00007	0.10568	1.19242E-06	0.00007
491770.48	3608916.41	2832.77258	0.00006	0.09553	1.07790E-06	0.00006
491848.29	3608793.95	5992.71087	0.00013	0.15787	1.78130E-06	0.00013
491845.74	3608815.64	5237.45045	0.00011	0.14361	1.62040E-06	0.00012
491835.54	3608834.77	4650.58333	0.00010	0.13316	1.50249E-06	0.00010
491829.16	3608859.01	4039.55505	0.00009	0.12055	1.36020E-06	0.00009
491824.06	3608874.32	3704.88695	0.00008	0.11337	1.27919E-06	0.00008
491824.06	3608890.9	3400.78112	0.00007	0.10597	1.19569E-06	0.00008
491820.23	3608904.93	3159.29467	0.00007	0.10030	1.13172E-06	0.00007
491818.95	3608924.07	2877.04023	0.00006	0.09309	1.05036E-06	0.00006
491817.68	3608940.65	2660.42732	0.00006	0.08740	9.86163E-07	0.00006
491873.81	3608822.02	5086.34504	0.00011	0.13605	1.53510E-06	0.00011
491864.88	3608842.43	4525.64689	0.00010	0.12605	1.42226E-06	0.00010
491859.77	3608864.11	4016.05242	0.00009	0.11590	1.30774E-06	0.00009
491855.95	3608878.14	3724.29971	0.00008	0.10990	1.24004E-06	0.00008
491849.57	3608899.83	3323.74804	0.00007	0.10134	1.14345E-06	0.00007
491857.22	3608915.14	3103.21069	0.00007	0.09528	1.07508E-06	0.00007
491869.98	3608930.44	2913.47447	0.00006	0.08953	1.01020E-06	0.00006
491890.39	3608932.99	2909.41727	0.00006	0.08770	9.89548E-07	0.00006
491915.9	3608818.19	5123.01474	0.00011	0.13148	1.48353E-06	0.00011
491914.63	3608838.6	4596.72161	0.00010	0.12148	1.37070E-06	0.00010
491904.42	3608855.18	4234.93498	0.00009	0.11528	1.30074E-06	0.00009
491903.14	3608874.32	3846.14771	0.00008	0.10735	1.21126E-06	0.00008
491895.49	3608897.28	3438.65333	0.00007	0.09929	1.12032E-06	0.00008
491915.9	3608899.83	3397.17383	0.00007	0.09661	1.09008E-06	0.00007
491936.31	3608902.38	3337.66685	0.00007	0.09379	1.05826E-06	0.00007
491952.89	3608910.03	3198.84616	0.00007	0.08973	1.01245E-06	0.00007
491966.93	3608922.79	3001.95003	0.00007	0.08465	9.55133E-07	0.00007
491923.55	3608947.03	2752.86059	0.00006	0.08160	9.20719E-07	0.00006

491945.24	3608961.06	2590.66041	0.00006	0.07653	8.63513E-07	0.00006
491737.31	3608925.34	2646.50014	0.00006	0.09097	1.02644E-06	0.00006
CONCUNIT ug/	m^3	0	0.00000	0.00000	0.00000E+00	0.00000
DEPUNIT g/m^	2	0	0.00000	0.00000	0.00000E+00	0.00000

Moss Street

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	1	0.25	13.6
1	1	10	1090	1	1	164.2

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street

Tier IV mitigat at Sensitive Recptors

Estimated Cancer Risks from Construction DPM - Infant Receptors

X (m)	Y (m)	InfantCancer Risk (3rd Trimester) 2019 (/million)	Infant Cancer Risk (year 1) 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	0.240	2.899	3.13938
491770.82	3608296.56	0.035	0.427	0.46267
491786.69	3608300.4	0.067	0.815	0.88202
491777.07	3608270.58	0.016	0.192	0.20828
491794.39	3608275.87	0.029	0.347	0.37625
491789.88	3608254.44	0.013	0.155	0.16731
491793.88	3608239.79	0.009	0.112	0.12120
491796.54	3608225.81	0.007	0.084	0.09110
491799.2	3608213.16	0.006	0.067	0.07268
491804.53	3608198.51	0.005	0.055	0.05931
491835.16	3608317.03	0.152	1.837	1.98902
491837.82	3608303.71	0.105	1.264	1.36849
491843.81	3608287.73	0.067	0.806	0.87233
491851.14	3608274.41	0.048	0.575	0.62281
491863.07	3608247.22	0.026	0.314	0.33998
491867.68	3608231.55	0.019	0.228	0.24741
491875.05	3608218.65	0.015	0.184	0.19955
491878.74	3608195.61	0.010	0.122	0.13171
491885.19	3608177.18	0.008	0.093	0.10020
491807.78	3608183.63	0.004	0.044	0.04776
491812.39	3608167.97	0.003	0.036	0.03940
491819.76	3608146.77	0.002	0.029	0.03153
491840.03	3608155.06	0.003	0.041	0.04467
491868.6	3608170.73	0.006	0.072	0.07747
491865.26	3608414.36	0.224	2.706	2.93046
491867.52	3608403.04	0.229	2.770	2.99909

Maximum Caner Risk
3.1
SDAQMD threshold of significance
10
Exceed thresholds?
No

491872.05	3608392.29	0.225	2.716	2.94074
491874.88	3608377.58	0.227	2.743	2.97044
491886.76	3608431.91	0.148	1.785	1.93248
491890.73	3608422.29	0.148	1.791	1.93954
491896.39	3608409.84	0.147	1.772	1.91896
491900.35	3608397.38	0.147	1.775	1.92159
491903.74	3608384.93	0.146	1.768	1.91453
491912.8	3608444.92	0.098	1.183	1.28122
491917.89	3608432.47	0.100	1.209	1.30964
491921.29	3608418.89	0.104	1.253	1.35671
491926.95	3608408.14	0.102	1.235	1.33707
491930.91	3608396.25	0.102	1.234	1.33593
491950.72	3608425.12	0.074	0.894	0.96826
491954.11	3608416.06	0.075	0.903	0.97817
491959.21	3608404.74	0.074	0.899	0.97394
491984.11	3608467.56	0.042	0.506	0.54779
491987.5	3608453.98	0.045	0.544	0.58860
491993.16	3608442.66	0.046	0.558	0.60444
491998.26	3608432.47	0.047	0.567	0.61416
492002.22	3608421.15	0.048	0.580	0.62829
492012.41	3608475.49	0.032	0.384	0.41609
492015.24	3608463.6	0.034	0.411	0.44555
492020.9	3608451.15	0.036	0.429	0.46452
492024.29	3608441.53	0.037	0.443	0.47963
492028.25	3608428.51	0.038	0.460	0.49825
492037.31	3608486.24	0.025	0.299	0.32348
492042.4	3608472.09	0.027	0.322	0.34841
492046.36	3608461.34	0.028	0.337	0.36531
492050.89	3608450.58	0.029	0.350	0.37885
492055.42	3608440.4	0.030	0.359	0.38888
492065.61	3608493.6	0.020	0.238	0.25750
492069	3608481.15	0.021	0.256	0.27713
492075.23	3608469.26	0.022	0.268	0.28972
492078.06	3608457.38	0.023	0.283	0.30657

492082.59	3608446.62	0.024	0.292	0.31672
491873.18	3608334.56	0.194	2.347	2.54100
491929.78	3608349.84	0.105	1.268	1.37249
491879.97	3608317.02	0.129	1.552	1.68080
491893.22	3608305.33	0.093	1.129	1.22237
491889.89	3608289.35	0.069	0.838	0.90708
491907.21	3608277.37	0.053	0.641	0.69400
491909.87	3608246.74	0.030	0.368	0.39876
491914.53	3608232.76	0.024	0.289	0.31334
491920.52	3608219.44	0.019	0.234	0.25286
491923.85	3608203.46	0.015	0.181	0.19580
491922.52	3608187.48	0.011	0.139	0.15026
491933.84	3608176.16	0.010	0.122	0.13252
491936.5	3608332.63	0.089	1.080	1.16899
491945.82	3608306.66	0.066	0.798	0.86460
491948.49	3608292.02	0.055	0.670	0.72509
491954.48	3608266.71	0.040	0.478	0.51705
491965.8	3608249.4	0.031	0.371	0.40172
491959.81	3608230.76	0.024	0.291	0.31503
491973.12	3608219.44	0.021	0.249	0.26956
491965.13	3608198.8	0.015	0.187	0.20255
491987.11	3608190.14	0.014	0.172	0.18571
491975.79	3608366.59	0.068	0.823	0.89075
491980.45	3608353.27	0.065	0.779	0.84377
491988.44	3608337.29	0.058	0.700	0.75787
491991.77	3608319.32	0.052	0.631	0.68327
492001.09	3608294.68	0.042	0.509	0.55099
492006.41	3608282.03	0.037	0.449	0.48657
492013.07	3608266.05	0.032	0.382	0.41345
492013.07	3608251.4	0.028	0.334	0.36189
492028.39	3608241.41	0.024	0.291	0.31490
492019.07	3608222.77	0.021	0.248	0.26816
492045.7	3608210.78	0.017	0.210	0.22790
492031.05	3608385.23	0.043	0.518	0.56138

492035.71	3608369.92	0.042	0.510	0.55186
492027.06	3608353.27	0.045	0.541	0.58539
492046.36	3608339.96	0.038	0.465	0.50324
492040.37	3608324.64	0.039	0.466	0.50417
492057.02	3608313.32	0.034	0.405	0.43899
492055.69	3608297.34	0.032	0.383	0.41428
492059.02	3608282.03	0.029	0.348	0.37669
492069.67	3608270.04	0.026	0.310	0.33517
492061.68	3608253.4	0.024	0.287	0.31082
492078.32	3608241.41	0.021	0.249	0.26983
492079.66	3608226.76	0.018	0.223	0.24178
492069.51	3608395.3	0.032	0.389	0.42068
492076.17	3608375.99	0.032	0.385	0.41703
492085.49	3608364.01	0.030	0.367	0.39703
492102.14	3608406.62	0.025	0.307	0.33202
492129.44	3608410.61	0.021	0.258	0.27964
492095.48	3608352.69	0.029	0.346	0.37423
492094.15	3608336.04	0.029	0.344	0.37284
492135.43	3608348.69	0.023	0.275	0.29826
492101.47	3608312.74	0.026	0.317	0.34271
492120.78	3608244.15	0.018	0.219	0.23758
492106.8	3608297.42	0.024	0.295	0.31907
492168.06	3608256.14	0.016	0.195	0.21147
491832.47	3608106.99	0.002	0.020	0.02170
491853.78	3608116.31	0.002	0.028	0.02993
491874.42	3608123.64	0.003	0.037	0.04002
491899.72	3608128.96	0.004	0.049	0.05349
491836.47	3608093.01	0.001	0.018	0.01921
491877.09	3608106.33	0.002	0.030	0.03263
491905.05	3608118.98	0.004	0.045	0.04859
491907.71	3608101.66	0.003	0.036	0.03951
491883.74	3608091.01	0.002	0.026	0.02857
491848.45	3608065.04	0.001	0.015	0.01587
491853.12	3608053.06	0.001	0.014	0.01464

491873.09	3608063.05	0.001	0.018	0.01908
491909.71	3608072.37	0.002	0.026	0.02815
491921.03	3608059.05	0.002	0.024	0.02630
491925.69	3608040.41	0.002	0.021	0.02224
491856.44	3608031.75	0.001	0.011	0.01228
491867.1	3608010.44	0.001	0.010	0.01100
491875.09	3607976.49	0.001	0.008	0.00878
491918.37	3607991.8	0.001	0.012	0.01328
491945	3608000.46	0.001	0.016	0.01701
491935.09	3608141.53	0.006	0.074	0.08033
491960.9	3608152.59	0.008	0.098	0.10569
491988.54	3608164.57	0.010	0.124	0.13456
491946.15	3608114.81	0.005	0.055	0.05957
491988.54	3608129.55	0.007	0.080	0.08690
492018.04	3608107.44	0.006	0.068	0.07376
491955.37	3608089	0.003	0.042	0.04549
491963.66	3608059.51	0.003	0.031	0.03395
491984.86	3608059.51	0.003	0.035	0.03790
492031.86	3608066.89	0.004	0.046	0.04987
492020.8	3608040.16	0.003	0.034	0.03650
491977.49	3608027.26	0.002	0.024	0.02624
491983.94	3608007.9	0.002	0.021	0.02254
492044.76	3608018.04	0.002	0.030	0.03248
492048.45	3608001.45	0.002	0.026	0.02832
491999.6	3607989.47	0.002	0.019	0.02060
492038.31	3608171.95	0.012	0.143	0.15516
492047.53	3608155.36	0.010	0.121	0.13098
492086.23	3608187.61	0.013	0.161	0.17450
492095.45	3608171.03	0.011	0.139	0.15010
492053.98	3608123.1	0.007	0.087	0.09457
492109.27	3608145.22	0.009	0.110	0.11961
492058.59	3608100.06	0.006	0.070	0.07542
492123.1	3608113.89	0.007	0.085	0.09181
492135.08	3608094.53	0.006	0.073	0.07854

492076.1	3608065.04	0.004	0.051	0.05562
492085.31	3608030.02	0.003	0.038	0.04130
492139.69	3608065.96	0.005	0.058	0.06231
492139.69	3608212.5	0.014	0.172	0.18677
492183.92	3608227.24	0.014	0.164	0.17742
492143.37	3608192.22	0.012	0.151	0.16297
492194.98	3608204.2	0.012	0.142	0.15402
492203.28	3608183.01	0.010	0.125	0.13532
492151.67	3608153.52	0.009	0.114	0.12330
492197.75	3608162.73	0.009	0.113	0.12212
492159.04	3608135.08	0.008	0.099	0.10720
492164.57	3608118.49	0.007	0.087	0.09464
492219.86	3608141.53	0.008	0.096	0.10405
492223.55	3608114.81	0.007	0.082	0.08826
492231.84	3608098.22	0.006	0.073	0.07909
492170.1	3608097.3	0.006	0.075	0.08082
492180.24	3608077.94	0.005	0.065	0.07008
492183.92	3608055.83	0.005	0.055	0.05961
492218.94	3608068.73	0.005	0.061	0.06576
492246.59	3608230.01	0.011	0.136	0.14725
492239.22	3608207.89	0.011	0.128	0.13875
492241.98	3608194.07	0.010	0.120	0.13000
492246.59	3608176.56	0.009	0.110	0.11883
492257.65	3608163.65	0.008	0.101	0.10918
492261.34	3608145.22	0.008	0.092	0.09912
492266.87	3608124.02	0.007	0.081	0.08812
492272.39	3608108.36	0.006	0.074	0.08050
492277.92	3608094.53	0.006	0.069	0.07422
492285.3	3608081.63	0.005	0.063	0.06868
491685.34	3608168.26	0.001	0.010	0.01056
491689.95	3608145.22	0.001	0.008	0.00881
491694.56	3608131.4	0.001	0.007	0.00806
491698.24	3608118.49	0.001	0.007	0.00743
491701.01	3608105.59	0.001	0.006	0.00683

491703.77	3608093.61	0.000	0.006	0.00635
491707.46	3608079.79	0.000	0.005	0.00587
491713.91	3608070.57	0.000	0.005	0.00573
491715.75	3608058.59	0.000	0.005	0.00534
491720.36	3608046.61	0.000	0.005	0.00507
491732.34	3608014.36	0.000	0.004	0.00444
491735.11	3608002.37	0.000	0.004	0.00419
491735.11	3607991.32	0.000	0.004	0.00393
491744.32	3607980.26	0.000	0.004	0.00388
491747.09	3607967.35	0.000	0.003	0.00367
491755.38	3607954.45	0.000	0.003	0.00357
491759.07	3607939.71	0.000	0.003	0.00336
491636.5	3608156.28	0.001	0.007	0.00725
491618.06	3608148.91	0.000	0.006	0.00632
491598.71	3608143.38	0.000	0.005	0.00563
491579.36	3608134.16	0.000	0.005	0.00495
491565.53	3608132.32	0.000	0.004	0.00467
491548.94	3608123.1	0.000	0.004	0.00419
491654.01	3608119.42	0.000	0.005	0.00591
491663.22	3608133.24	0.001	0.006	0.00686
491657.69	3608106.51	0.000	0.005	0.00547
491663.22	3608094.53	0.000	0.005	0.00515
491674.28	3608094.53	0.000	0.005	0.00543
491681.65	3608086.24	0.000	0.005	0.00531
491686.26	3608072.42	0.000	0.005	0.00495
491663.22	3608078.87	0.000	0.004	0.00464
491671.52	3608072.42	0.000	0.004	0.00461
491676.12	3608058.59	0.000	0.004	0.00431
491678.89	3608048.45	0.000	0.004	0.00410
491690.87	3608053.98	0.000	0.004	0.00450
491695.48	3608035.55	0.000	0.004	0.00411
491701.93	3608024.49	0.000	0.004	0.00397
491624.52	3608121.26	0.000	0.005	0.00532
491615.3	3608116.65	0.000	0.005	0.00498

491603.32	3608112.97	0.000	0.004	0.00467
491590.42	3608107.44	0.000	0.004	0.00434
491582.12	3608104.67	0.000	0.004	0.00416
491567.38	3608101.91	0.000	0.004	0.00392
491553.55	3608094.53	0.000	0.003	0.00362
491560	3608079.79	0.000	0.003	0.00340
491571.98	3608083.47	0.000	0.003	0.00357
491585.81	3608088.08	0.000	0.004	0.00380
491599.63	3608094.53	0.000	0.004	0.00411
491614.38	3608097.3	0.000	0.004	0.00438
491626.36	3608102.83	0.000	0.004	0.00472
491630.97	3608077.94	0.000	0.004	0.00408
491613.46	3608071.49	0.000	0.003	0.00372
491635.57	3608062.28	0.000	0.003	0.00376
491647.56	3608065.04	0.000	0.004	0.00399
491568.3	3608046.61	0.000	0.003	0.00289
491556.32	3608038.32	0.000	0.002	0.00270
491572.91	3608032.79	0.000	0.003	0.00271
491594.1	3608048.45	0.000	0.003	0.00309
491589.49	3608035.55	0.000	0.003	0.00285
491608.85	3608039.24	0.000	0.003	0.00304
491612.53	3608025.41	0.000	0.003	0.00285
491625.44	3608040.16	0.000	0.003	0.00320
491636.5	3608029.1	0.000	0.003	0.00311
491654.01	3608027.26	0.000	0.003	0.00326
491643.87	3608011.59	0.000	0.003	0.00289
491667.83	3608015.28	0.000	0.003	0.00322
491689.03	3607995	0.000	0.003	0.00315
491681.65	3607976.57	0.000	0.003	0.00277
491704.69	3607986.71	0.000	0.003	0.00325
491713.91	3607971.96	0.000	0.003	0.00314
491725.89	3607958.14	0.000	0.003	0.00311
491711.15	3607949.84	0.000	0.003	0.00277
491729.58	3607943.39	0.000	0.003	0.00294

491714.83	3607935.1	0.000	0.002	0.00262
491724.97	3607923.12	0.000	0.002	0.00259
491737.87	3607928.65	0.000	0.003	0.00284
491735.11	3607910.22	0.000	0.002	0.00256
491558.16	3608010.67	0.000	0.002	0.00236
491579.36	3607998.69	0.000	0.002	0.00231
491595.95	3608003.3	0.000	0.002	0.00244
491613.46	3607995.92	0.000	0.002	0.00244
491599.63	3607983.94	0.000	0.002	0.00223
491623.59	3607979.33	0.000	0.002	0.00231
491640.18	3607983.02	0.000	0.002	0.00246
491660.46	3607968.28	0.000	0.002	0.00245
491659.54	3607951.69	0.000	0.002	0.00225
491677.05	3607950.77	0.000	0.002	0.00239
491682.58	3607937.86	0.000	0.002	0.00230
491670.6	3607928.65	0.000	0.002	0.00211
491694.56	3607921.27	0.000	0.002	0.00224
491682.58	3607913.9	0.000	0.002	0.00206
491682.58	3607901.92	0.000	0.002	0.00196
491705.62	3607902.84	0.000	0.002	0.00216
491561.62	3607964.09	0.000	0.002	0.00190
491578.12	3607959.66	0.000	0.002	0.00191
491573.42	3607943.99	0.000	0.002	0.00177
491600.84	3607959.66	0.000	0.002	0.00199
491591.44	3607944.77	0.000	0.002	0.00183
491603.97	3607934.59	0.000	0.002	0.00179
491615.72	3607947.91	0.000	0.002	0.00195
491636.09	3607933.02	0.000	0.002	0.00192
491625.12	3607917.35	0.000	0.002	0.00174
491644.71	3607918.92	0.000	0.002	0.00185
491642.36	3607896.99	0.000	0.002	0.00167
491658.03	3607905.6	0.000	0.002	0.00182
491665.08	3607887.59	0.000	0.002	0.00173
491647.06	3607883.67	0.000	0.001	0.00160

491564.8	3607922.84	0.000	0.001	0.00159
491587.52	3607913.44	0.000	0.001	0.00158
491573.42	3607903.25	0.000	0.001	0.00148
491607.11	3607896.2	0.000	0.001	0.00153
491603.97	3607878.97	0.000	0.001	0.00141
491621.99	3607877.4	0.000	0.001	0.00146
491892.25	3607962.79	0.001	0.008	0.00882
491943.96	3607975.32	0.001	0.012	0.01350
491586.79	3608712.31	0.003	0.039	0.04205
491579.14	3608732.72	0.003	0.034	0.03646
491579.14	3608751.86	0.002	0.030	0.03267
491563.83	3608778.64	0.002	0.025	0.02734
491558.73	3608797.78	0.002	0.023	0.02453
491545.97	3608824.57	0.002	0.019	0.02107
491543.42	3608838.6	0.002	0.018	0.01965
491534.49	3608869.21	0.001	0.016	0.01692
491635.26	3608725.07	0.003	0.039	0.04276
491665.88	3608731.45	0.003	0.039	0.04178
491654.4	3608756.96	0.003	0.032	0.03452
491627.61	3608748.03	0.003	0.033	0.03611
491621.23	3608764.61	0.002	0.030	0.03219
491651.85	3608772.27	0.002	0.029	0.03107
491635.26	3608823.29	0.002	0.021	0.02259
491608.48	3608810.54	0.002	0.022	0.02418
491603.37	3608829.67	0.002	0.020	0.02168
491627.61	3608838.6	0.002	0.019	0.02072
491622.51	3608866.66	0.001	0.016	0.01783
491590.62	3608859.01	0.001	0.017	0.01851
491586.79	3608875.59	0.001	0.016	0.01703
491617.41	3608884.52	0.001	0.015	0.01629
491707.97	3608753.13	0.003	0.033	0.03576
491702.87	3608768.44	0.002	0.030	0.03198
491696.49	3608791.4	0.002	0.025	0.02735
491688.84	3608805.43	0.002	0.023	0.02500

491683.74	3608834.77	0.002	0.019	0.02096
491674.81	3608851.36	0.001	0.018	0.01911
491669.71	3608874.32	0.001	0.016	0.01691
491667.15	3608903.66	0.001	0.013	0.01458
491741.14	3608758.23	0.003	0.032	0.03488
491733.49	3608772.27	0.002	0.029	0.03141
491727.11	3608797.78	0.002	0.024	0.02638
491720.73	3608809.26	0.002	0.023	0.02447
491711.8	3608833.5	0.002	0.019	0.02111
491706.7	3608855.18	0.001	0.017	0.01866
491701.6	3608871.77	0.001	0.016	0.01706
491699.05	3608899.83	0.001	0.014	0.01479
491778.13	3608770.99	0.003	0.030	0.03290
491773.03	3608791.4	0.002	0.026	0.02850
491762.83	3608811.81	0.002	0.023	0.02476
491760.28	3608828.39	0.002	0.021	0.02235
491755.17	3608851.36	0.001	0.018	0.01951
491747.52	3608869.21	0.001	0.016	0.01760
491738.59	3608884.52	0.001	0.015	0.01616
491738.59	3608902.38	0.001	0.014	0.01478
491804.92	3608781.2	0.002	0.029	0.03157
491802.37	3608806.71	0.002	0.025	0.02668
491789.61	3608822.02	0.002	0.022	0.02394
491788.34	3608839.87	0.002	0.020	0.02153
491774.31	3608853.91	0.001	0.018	0.01959
491778.13	3608875.59	0.001	0.016	0.01751
491773.03	3608892.17	0.001	0.015	0.01600
491770.48	3608916.41	0.001	0.013	0.01418
491848.29	3608793.95	0.002	0.028	0.02994
491845.74	3608815.64	0.002	0.024	0.02617
491835.54	3608834.77	0.002	0.021	0.02324
491829.16	3608859.01	0.002	0.019	0.02020
491824.06	3608874.32	0.001	0.017	0.01853
491824.06	3608890.9	0.001	0.016	0.01701

491820.23	3608904.93	0.001	0.015	0.01580
491818.95	3608924.07	0.001	0.013	0.01439
491817.68	3608940.65	0.001	0.012	0.01331
491873.81	3608822.02	0.002	0.023	0.02541
491864.88	3608842.43	0.002	0.021	0.02262
491859.77	3608864.11	0.002	0.019	0.02007
491855.95	3608878.14	0.001	0.017	0.01862
491849.57	3608899.83	0.001	0.015	0.01662
491857.22	3608915.14	0.001	0.014	0.01552
491869.98	3608930.44	0.001	0.013	0.01457
491890.39	3608932.99	0.001	0.013	0.01455
491915.9	3608818.19	0.002	0.024	0.02559
491914.63	3608838.6	0.002	0.021	0.02296
491904.42	3608855.18	0.002	0.020	0.02116
491903.14	3608874.32	0.001	0.018	0.01922
491895.49	3608897.28	0.001	0.016	0.01719
491915.9	3608899.83	0.001	0.016	0.01698
491936.31	3608902.38	0.001	0.015	0.01668
491952.89	3608910.03	0.001	0.015	0.01599
491966.93	3608922.79	0.001	0.014	0.01500
491923.55	3608947.03	0.001	0.013	0.01376
491945.24	3608961.06	0.001	0.012	0.01295
491737.31	3608925.34	0.001	0.012	0.01325
CONCUNIT ug	m^3	0.000	0.000	0.00000
DEPUNIT g/m	2	0.000	0.000	0.00000

Moss Street

Tier IV 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 $(ug/m3)^{-1}$
2019	1	3	572	1	0.25	6.5
2020	1	3	572	1	1	25.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street

Tier IV mitigation **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Child Cancer 2019 (/million)	Child Cancer 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	0.114	0.356	0.47011
491770.82	3608296.56	0.017	0.059	0.07578
491786.69	3608300.4	0.032	0.106	0.13796
491777.07	3608270.58	0.008	0.027	0.03417
491794.39	3608275.87	0.014	0.046	0.05925
491789.88	3608254.44	0.006	0.021	0.02694
491793.88	3608239.79	0.004	0.015	0.01951
491796.54	3608225.81	0.003	0.011	0.01464
491799.2	3608213.16	0.003	0.009	0.01165
491804.53	3608198.51	0.002	0.007	0.00945
491835.16	3608317.03	0.072	0.228	0.30039
491837.82	3608303.71	0.050	0.158	0.20738
491843.81	3608287.73	0.032	0.101	0.13262
491851.14	3608274.41	0.023	0.072	0.09486
491863.07	3608247.22	0.012	0.040	0.05198
491867.68	3608231.55	0.009	0.029	0.03790
491875.05	3608218.65	0.007	0.023	0.03058
491878.74	3608195.61	0.005	0.015	0.02024
491885.19	3608177.18	0.004	0.012	0.01540
491807.78	3608183.63	0.002	0.006	0.00758
491812.39	3608167.97	0.001	0.005	0.00622
491819.76	3608146.77	0.001	0.004	0.00495
491840.03	3608155.06	0.002	0.005	0.00697
491868.6	3608170.73	0.003	0.009	0.01197
491865.26	3608414.36	0.107	0.332	0.43887
491867.52	3608403.04	0.109	0.340	0.44919

Maximum Caner Risk
0.5
SDAQMD threshold of significance
10
Exceed thresholds?
No

491872.05	3608392.29	0.107	0.334	0.44051
491874.88	3608377.58	0.108	0.337	0.44505
491886.76	3608431.91	0.070	0.219	0.28944
491890.73	3608422.29	0.070	0.220	0.29052
491896.39	3608409.84	0.070	0.218	0.28748
491900.35	3608397.38	0.070	0.218	0.28792
491903.74	3608384.93	0.070	0.217	0.28691
491912.8	3608444.92	0.047	0.145	0.19193
491917.89	3608432.47	0.048	0.149	0.19621
491921.29	3608418.89	0.049	0.154	0.20328
491926.95	3608408.14	0.049	0.152	0.20037
491930.91	3608396.25	0.049	0.152	0.20023
491950.72	3608425.12	0.035	0.110	0.14511
491954.11	3608416.06	0.036	0.111	0.14661
491959.21	3608404.74	0.035	0.111	0.14599
491984.11	3608467.56	0.020	0.062	0.08210
491987.5	3608453.98	0.021	0.067	0.08822
491993.16	3608442.66	0.022	0.069	0.09060
491998.26	3608432.47	0.022	0.070	0.09207
492002.22	3608421.15	0.023	0.071	0.09420
492012.41	3608475.49	0.015	0.047	0.06237
492015.24	3608463.6	0.016	0.051	0.06679
492020.9	3608451.15	0.017	0.053	0.06964
492024.29	3608441.53	0.017	0.054	0.07191
492028.25	3608428.51	0.018	0.057	0.07471
492037.31	3608486.24	0.012	0.037	0.04850
492042.4	3608472.09	0.013	0.040	0.05224
492046.36	3608461.34	0.013	0.041	0.05477
492050.89	3608450.58	0.014	0.043	0.05681
492055.42	3608440.4	0.014	0.044	0.05832
492065.61	3608493.6	0.009	0.029	0.03861
492069	3608481.15	0.010	0.031	0.04156
492075.23	3608469.26	0.011	0.033	0.04345
492078.06	3608457.38	0.011	0.035	0.04598

492082.59	3608446.62	0.012	0.036	0.04750
491873.18	3608334.56	0.092	0.289	0.38135
491929.78	3608349.84	0.050	0.156	0.20591
491879.97	3608317.02	0.061	0.192	0.25275
491893.22	3608305.33	0.044	0.140	0.18402
491889.89	3608289.35	0.033	0.104	0.13690
491907.21	3608277.37	0.025	0.080	0.10480
491909.87	3608246.74	0.014	0.046	0.06046
491914.53	3608232.76	0.011	0.036	0.04758
491920.52	3608219.44	0.009	0.029	0.03843
491923.85	3608203.46	0.007	0.023	0.02980
491922.52	3608187.48	0.005	0.017	0.02291
491933.84	3608176.16	0.005	0.015	0.02020
491936.5	3608332.63	0.042	0.133	0.17552
491945.82	3608306.66	0.031	0.099	0.13002
491948.49	3608292.02	0.026	0.083	0.10915
491954.48	3608266.71	0.019	0.059	0.07799
491965.8	3608249.4	0.015	0.046	0.06066
491959.81	3608230.76	0.011	0.036	0.04766
491973.12	3608219.44	0.010	0.031	0.04079
491965.13	3608198.8	0.007	0.023	0.03072
491987.11	3608190.14	0.007	0.021	0.02814
491975.79	3608366.59	0.032	0.101	0.13363
491980.45	3608353.27	0.031	0.096	0.12662
491988.44	3608337.29	0.028	0.086	0.11379
491991.77	3608319.32	0.025	0.078	0.10266
492001.09	3608294.68	0.020	0.063	0.08288
492006.41	3608282.03	0.018	0.056	0.07323
492013.07	3608266.05	0.015	0.047	0.06228
492013.07	3608251.4	0.013	0.041	0.05456
492028.39	3608241.41	0.011	0.036	0.04748
492019.07	3608222.77	0.010	0.031	0.04049
492045.7	3608210.78	0.008	0.026	0.03440
492031.05	3608385.23	0.020	0.064	0.08422

492035.71	3608369.92	0.020	0.063	0.08281
492027.06	3608353.27	0.021	0.067	0.08787
492046.36	3608339.96	0.018	0.057	0.07557
492040.37	3608324.64	0.018	0.057	0.07574
492057.02	3608313.32	0.016	0.050	0.06597
492055.69	3608297.34	0.015	0.047	0.06229
492059.02	3608282.03	0.014	0.043	0.05667
492069.67	3608270.04	0.012	0.038	0.05045
492061.68	3608253.4	0.011	0.036	0.04682
492078.32	3608241.41	0.010	0.031	0.04065
492079.66	3608226.76	0.009	0.028	0.03645
492069.51	3608395.3	0.015	0.048	0.06312
492076.17	3608375.99	0.015	0.047	0.06259
492085.49	3608364.01	0.014	0.045	0.05960
492102.14	3608406.62	0.012	0.038	0.04982
492129.44	3608410.61	0.010	0.032	0.04196
492095.48	3608352.69	0.014	0.043	0.05619
492094.15	3608336.04	0.014	0.042	0.05600
492135.43	3608348.69	0.011	0.034	0.04479
492101.47	3608312.74	0.012	0.039	0.05151
492120.78	3608244.15	0.009	0.027	0.03578
492106.8	3608297.42	0.012	0.036	0.04797
492168.06	3608256.14	0.008	0.024	0.03182
491832.47	3608106.99	0.001	0.003	0.00338
491853.78	3608116.31	0.001	0.004	0.00464
491874.42	3608123.64	0.001	0.005	0.00618
491899.72	3608128.96	0.002	0.006	0.00822
491836.47	3608093.01	0.001	0.002	0.00299
491877.09	3608106.33	0.001	0.004	0.00504
491905.05	3608118.98	0.002	0.006	0.00746
491907.71	3608101.66	0.001	0.005	0.00607
491883.74	3608091.01	0.001	0.003	0.00440
491848.45	3608065.04	0.001	0.002	0.00246
491853.12	3608053.06	0.001	0.002	0.00226

491873.09	3608063.05	0.001	0.002	0.00294
491909.71	3608072.37	0.001	0.003	0.00432
491921.03	3608059.05	0.001	0.003	0.00403
491925.69	3608040.41	0.001	0.003	0.00341
491856.44	3608031.75	0.000	0.001	0.00189
491867.1	3608010.44	0.000	0.001	0.00169
491875.09	3607976.49	0.000	0.001	0.00135
491918.37	3607991.8	0.000	0.002	0.00203
491945	3608000.46	0.001	0.002	0.00260
491935.09	3608141.53	0.003	0.009	0.01227
491960.9	3608152.59	0.004	0.012	0.01609
491988.54	3608164.57	0.005	0.016	0.02042
491946.15	3608114.81	0.002	0.007	0.00910
491988.54	3608129.55	0.003	0.010	0.01322
492018.04	3608107.44	0.003	0.009	0.01121
491955.37	3608089	0.002	0.005	0.00695
491963.66	3608059.51	0.001	0.004	0.00518
491984.86	3608059.51	0.001	0.004	0.00578
492031.86	3608066.89	0.002	0.006	0.00758
492020.8	3608040.16	0.001	0.004	0.00556
491977.49	3608027.26	0.001	0.003	0.00400
491983.94	3608007.9	0.001	0.003	0.00344
492044.76	3608018.04	0.001	0.004	0.00494
492048.45	3608001.45	0.001	0.003	0.00431
491999.6	3607989.47	0.001	0.002	0.00314
492038.31	3608171.95	0.006	0.018	0.02348
492047.53	3608155.36	0.005	0.015	0.01983
492086.23	3608187.61	0.006	0.020	0.02634
492095.45	3608171.03	0.005	0.017	0.02267
492053.98	3608123.1	0.003	0.011	0.01433
492109.27	3608145.22	0.004	0.014	0.01808
492058.59	3608100.06	0.003	0.009	0.01144
492123.1	3608113.89	0.003	0.011	0.01389
492135.08	3608094.53	0.003	0.009	0.01188

492076.1	3608065.04	0.002	0.006	0.00844
492085.31	3608030.02	0.002	0.005	0.00627
492139.69	3608065.96	0.002	0.007	0.00943
492139.69	3608212.5	0.007	0.021	0.02815
492183.92	3608227.24	0.006	0.020	0.02672
492143.37	3608192.22	0.006	0.019	0.02458
492194.98	3608204.2	0.006	0.018	0.02321
492203.28	3608183.01	0.005	0.015	0.02040
492151.67	3608153.52	0.004	0.014	0.01861
492197.75	3608162.73	0.004	0.014	0.01842
492159.04	3608135.08	0.004	0.012	0.01619
492164.57	3608118.49	0.003	0.011	0.01430
492219.86	3608141.53	0.004	0.012	0.01570
492223.55	3608114.81	0.003	0.010	0.01332
492231.84	3608098.22	0.003	0.009	0.01194
492170.1	3608097.3	0.003	0.009	0.01221
492180.24	3608077.94	0.003	0.008	0.01059
492183.92	3608055.83	0.002	0.007	0.00902
492218.94	3608068.73	0.002	0.008	0.00994
492246.59	3608230.01	0.005	0.017	0.02217
492239.22	3608207.89	0.005	0.016	0.02090
492241.98	3608194.07	0.005	0.015	0.01958
492246.59	3608176.56	0.004	0.014	0.01791
492257.65	3608163.65	0.004	0.012	0.01646
492261.34	3608145.22	0.004	0.011	0.01495
492266.87	3608124.02	0.003	0.010	0.01329
492272.39	3608108.36	0.003	0.009	0.01215
492277.92	3608094.53	0.003	0.009	0.01120
492285.3	3608081.63	0.002	0.008	0.01037
491685.34	3608168.26	0.000	0.001	0.00173
491689.95	3608145.22	0.000	0.001	0.00143
491694.56	3608131.4	0.000	0.001	0.00130
491698.24	3608118.49	0.000	0.001	0.00119
491701.01	3608105.59	0.000	0.001	0.00109

491703.77	3608093.61	0.000	0.001	0.00101
491707.46	3608079.79	0.000	0.001	0.00093
491713.91	3608070.57	0.000	0.001	0.00091
491715.75	3608058.59	0.000	0.001	0.00084
491720.36	3608046.61	0.000	0.001	0.00080
491732.34	3608014.36	0.000	0.001	0.00069
491735.11	3608002.37	0.000	0.001	0.00066
491735.11	3607991.32	0.000	0.000	0.00061
491744.32	3607980.26	0.000	0.000	0.00060
491747.09	3607967.35	0.000	0.000	0.00057
491755.38	3607954.45	0.000	0.000	0.00055
491759.07	3607939.71	0.000	0.000	0.00052
491636.5	3608156.28	0.000	0.001	0.00118
491618.06	3608148.91	0.000	0.001	0.00103
491598.71	3608143.38	0.000	0.001	0.00091
491579.36	3608134.16	0.000	0.001	0.00080
491565.53	3608132.32	0.000	0.001	0.00075
491548.94	3608123.1	0.000	0.001	0.00067
491654.01	3608119.42	0.000	0.001	0.00095
491663.22	3608133.24	0.000	0.001	0.00111
491657.69	3608106.51	0.000	0.001	0.00088
491663.22	3608094.53	0.000	0.001	0.00082
491674.28	3608094.53	0.000	0.001	0.00087
491681.65	3608086.24	0.000	0.001	0.00085
491686.26	3608072.42	0.000	0.001	0.00079
491663.22	3608078.87	0.000	0.001	0.00074
491671.52	3608072.42	0.000	0.001	0.00073
491676.12	3608058.59	0.000	0.001	0.00068
491678.89	3608048.45	0.000	0.000	0.00065
491690.87	3608053.98	0.000	0.001	0.00071
491695.48	3608035.55	0.000	0.000	0.00065
491701.93	3608024.49	0.000	0.000	0.00062
491624.52	3608121.26	0.000	0.001	0.00086
491615.3	3608116.65	0.000	0.001	0.00080

491603.32	3608112.97	0.000	0.001	0.00075
491590.42	3608107.44	0.000	0.001	0.00069
491582.12	3608104.67	0.000	0.001	0.00067
491567.38	3608101.91	0.000	0.000	0.00063
491553.55	3608094.53	0.000	0.000	0.00058
491560	3608079.79	0.000	0.000	0.00054
491571.98	3608083.47	0.000	0.000	0.00057
491585.81	3608088.08	0.000	0.000	0.00061
491599.63	3608094.53	0.000	0.001	0.00066
491614.38	3608097.3	0.000	0.001	0.00070
491626.36	3608102.83	0.000	0.001	0.00076
491630.97	3608077.94	0.000	0.001	0.00065
491613.46	3608071.49	0.000	0.000	0.00059
491635.57	3608062.28	0.000	0.000	0.00060
491647.56	3608065.04	0.000	0.000	0.00063
491568.3	3608046.61	0.000	0.000	0.00046
491556.32	3608038.32	0.000	0.000	0.00043
491572.91	3608032.79	0.000	0.000	0.00043
491594.1	3608048.45	0.000	0.000	0.00049
491589.49	3608035.55	0.000	0.000	0.00045
491608.85	3608039.24	0.000	0.000	0.00048
491612.53	3608025.41	0.000	0.000	0.00045
491625.44	3608040.16	0.000	0.000	0.00051
491636.5	3608029.1	0.000	0.000	0.00049
491654.01	3608027.26	0.000	0.000	0.00052
491643.87	3608011.59	0.000	0.000	0.00046
491667.83	3608015.28	0.000	0.000	0.00051
491689.03	3607995	0.000	0.000	0.00050
491681.65	3607976.57	0.000	0.000	0.00043
491704.69	3607986.71	0.000	0.000	0.00051
491713.91	3607971.96	0.000	0.000	0.00049
491725.89	3607958.14	0.000	0.000	0.00048
491711.15	3607949.84	0.000	0.000	0.00043
491729.58	3607943.39	0.000	0.000	0.00046

491714.83	3607935.1	0.000	0.000	0.00041
491724.97	3607923.12	0.000	0.000	0.00040
491737.87	3607928.65	0.000	0.000	0.00044
491735.11	3607910.22	0.000	0.000	0.00040
491558.16	3608010.67	0.000	0.000	0.00037
491579.36	3607998.69	0.000	0.000	0.00036
491595.95	3608003.3	0.000	0.000	0.00039
491613.46	3607995.92	0.000	0.000	0.00039
491599.63	3607983.94	0.000	0.000	0.00035
491623.59	3607979.33	0.000	0.000	0.00036
491640.18	3607983.02	0.000	0.000	0.00039
491660.46	3607968.28	0.000	0.000	0.00038
491659.54	3607951.69	0.000	0.000	0.00035
491677.05	3607950.77	0.000	0.000	0.00037
491682.58	3607937.86	0.000	0.000	0.00036
491670.6	3607928.65	0.000	0.000	0.00033
491694.56	3607921.27	0.000	0.000	0.00035
491682.58	3607913.9	0.000	0.000	0.00032
491682.58	3607901.92	0.000	0.000	0.00031
491705.62	3607902.84	0.000	0.000	0.00034
491561.62	3607964.09	0.000	0.000	0.00030
491578.12	3607959.66	0.000	0.000	0.00030
491573.42	3607943.99	0.000	0.000	0.00028
491600.84	3607959.66	0.000	0.000	0.00031
491591.44	3607944.77	0.000	0.000	0.00029
491603.97	3607934.59	0.000	0.000	0.00028
491615.72	3607947.91	0.000	0.000	0.00031
491636.09	3607933.02	0.000	0.000	0.00030
491625.12	3607917.35	0.000	0.000	0.00027
491644.71	3607918.92	0.000	0.000	0.00029
491642.36	3607896.99	0.000	0.000	0.00026
491658.03	3607905.6	0.000	0.000	0.00028
491665.08	3607887.59	0.000	0.000	0.00027
491647.06	3607883.67	0.000	0.000	0.00025

491564.8	3607922.84	0.000	0.000	0.00025
491587.52	3607913.44	0.000	0.000	0.00025
491573.42	3607903.25	0.000	0.000	0.00023
491607.11	3607896.2	0.000	0.000	0.00024
491603.97	3607878.97	0.000	0.000	0.00022
491621.99	3607877.4	0.000	0.000	0.00023
491892.25	3607962.79	0.000	0.001	0.00135
491943.96	3607975.32	0.000	0.002	0.00206
491586.79	3608712.31	0.002	0.005	0.00633
491579.14	3608732.72	0.001	0.004	0.00549
491579.14	3608751.86	0.001	0.004	0.00492
491563.83	3608778.64	0.001	0.003	0.00412
491558.73	3608797.78	0.001	0.003	0.00370
491545.97	3608824.57	0.001	0.002	0.00317
491543.42	3608838.6	0.001	0.002	0.00296
491534.49	3608869.21	0.001	0.002	0.00255
491635.26	3608725.07	0.002	0.005	0.00644
491665.88	3608731.45	0.002	0.005	0.00629
491654.4	3608756.96	0.001	0.004	0.00520
491627.61	3608748.03	0.001	0.004	0.00544
491621.23	3608764.61	0.001	0.004	0.00485
491651.85	3608772.27	0.001	0.004	0.00468
491635.26	3608823.29	0.001	0.003	0.00340
491608.48	3608810.54	0.001	0.003	0.00364
491603.37	3608829.67	0.001	0.002	0.00327
491627.61	3608838.6	0.001	0.002	0.00312
491622.51	3608866.66	0.001	0.002	0.00269
491590.62	3608859.01	0.001	0.002	0.00279
491586.79	3608875.59	0.001	0.002	0.00256
491617.41	3608884.52	0.001	0.002	0.00245
491707.97	3608753.13	0.001	0.004	0.00538
491702.87	3608768.44	0.001	0.004	0.00481
491696.49	3608791.4	0.001	0.003	0.00412
491688.84	3608805.43	0.001	0.003	0.00376

491683.74	3608834.77	0.001	0.002	0.00316
491674.81	3608851.36	0.001	0.002	0.00288
491669.71	3608874.32	0.001	0.002	0.00255
491667.15	3608903.66	0.001	0.002	0.00220
491741.14	3608758.23	0.001	0.004	0.00525
491733.49	3608772.27	0.001	0.004	0.00473
491727.11	3608797.78	0.001	0.003	0.00397
491720.73	3608809.26	0.001	0.003	0.00369
491711.8	3608833.5	0.001	0.002	0.00318
491706.7	3608855.18	0.001	0.002	0.00281
491701.6	3608871.77	0.001	0.002	0.00257
491699.05	3608899.83	0.001	0.002	0.00223
491778.13	3608770.99	0.001	0.004	0.00495
491773.03	3608791.4	0.001	0.003	0.00429
491762.83	3608811.81	0.001	0.003	0.00373
491760.28	3608828.39	0.001	0.003	0.00337
491755.17	3608851.36	0.001	0.002	0.00294
491747.52	3608869.21	0.001	0.002	0.00265
491738.59	3608884.52	0.001	0.002	0.00244
491738.59	3608902.38	0.001	0.002	0.00223
491804.92	3608781.2	0.001	0.004	0.00475
491802.37	3608806.71	0.001	0.003	0.00402
491789.61	3608822.02	0.001	0.003	0.00361
491788.34	3608839.87	0.001	0.002	0.00324
491774.31	3608853.91	0.001	0.002	0.00295
491778.13	3608875.59	0.001	0.002	0.00264
491773.03	3608892.17	0.001	0.002	0.00241
491770.48	3608916.41	0.001	0.002	0.00214
491848.29	3608793.95	0.001	0.003	0.00450
491845.74	3608815.64	0.001	0.003	0.00394
491835.54	3608834.77	0.001	0.003	0.00350
491829.16	3608859.01	0.001	0.002	0.00304
491824.06	3608874.32	0.001	0.002	0.00279
491824.06	3608890.9	0.001	0.002	0.00256

491820.23	3608904.93	0.001	0.002	0.00238
491818.95	3608924.07	0.001	0.002	0.00217
491817.68	3608940.65	0.000	0.002	0.00201
491873.81	3608822.02	0.001	0.003	0.00382
491864.88	3608842.43	0.001	0.003	0.00340
491859.77	3608864.11	0.001	0.002	0.00302
491855.95	3608878.14	0.001	0.002	0.00280
491849.57	3608899.83	0.001	0.002	0.00250
491857.22	3608915.14	0.001	0.002	0.00234
491869.98	3608930.44	0.001	0.002	0.00219
491890.39	3608932.99	0.001	0.002	0.00219
491915.9	3608818.19	0.001	0.003	0.00385
491914.63	3608838.6	0.001	0.003	0.00346
491904.42	3608855.18	0.001	0.002	0.00318
491903.14	3608874.32	0.001	0.002	0.00289
491895.49	3608897.28	0.001	0.002	0.00259
491915.9	3608899.83	0.001	0.002	0.00256
491936.31	3608902.38	0.001	0.002	0.00251
491952.89	3608910.03	0.001	0.002	0.00241
491966.93	3608922.79	0.001	0.002	0.00226
491923.55	3608947.03	0.001	0.002	0.00207
491945.24	3608961.06	0.000	0.001	0.00195
491737.31	3608925.34	0.000	0.002	0.00200
CONCUNIT ug	m^3	0.000	0.000	0.00000
DEPUNIT g/m	2	0.000	0.000	0.00000

Moss Street

Tier IV 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 $(ug/m3)^{-1}$
2019	1	1	261	1	0.25	1.0
2020	1	1	261	1	1	3.9

Air Toxics NSR Program Health Risk Assessment (HRA) Guidelines

Moss Street **Tier IV mitigation** **at Sensitive Receptors**

Estimated Cancer Risks from Construction DPM

X (m)	Y (m)	Adult Cancer 2019 (/million)	Adult Cancer 2020 (/million)	Total Cancer Risk (/million)
491856.94	3608423.76	0.017	0.054	0.07150
491770.82	3608296.56	0.003	0.009	0.01153
491786.69	3608300.4	0.005	0.016	0.02098
491777.07	3608270.58	0.001	0.004	0.00520
491794.39	3608275.87	0.002	0.007	0.00901
491789.88	3608254.44	0.001	0.003	0.00410
491793.88	3608239.79	0.001	0.002	0.00297
491796.54	3608225.81	0.001	0.002	0.00223
491799.2	3608213.16	0.000	0.001	0.00177
491804.53	3608198.51	0.000	0.001	0.00144
491835.16	3608317.03	0.011	0.035	0.04569
491837.82	3608303.71	0.008	0.024	0.03154
491843.81	3608287.73	0.005	0.015	0.02017
491851.14	3608274.41	0.003	0.011	0.01443
491863.07	3608247.22	0.002	0.006	0.00791
491867.68	3608231.55	0.001	0.004	0.00577
491875.05	3608218.65	0.001	0.004	0.00465
491878.74	3608195.61	0.001	0.002	0.00308
491885.19	3608177.18	0.001	0.002	0.00234
491807.78	3608183.63	0.000	0.001	0.00115
491812.39	3608167.97	0.000	0.001	0.00095
491819.76	3608146.77	0.000	0.001	0.00075
491840.03	3608155.06	0.000	0.001	0.00106
491868.6	3608170.73	0.000	0.001	0.00182
491865.26	3608414.36	0.016	0.051	0.06675
491867.52	3608403.04	0.017	0.052	0.06832
491872.05	3608392.29	0.016	0.051	0.06700
491874.88	3608377.58	0.016	0.051	0.06769
491886.76	3608431.91	0.011	0.033	0.04402
491890.73	3608422.29	0.011	0.033	0.04419
491896.39	3608409.84	0.011	0.033	0.04373
491900.35	3608397.38	0.011	0.033	0.04379
491903.74	3608384.93	0.011	0.033	0.04364
491912.8	3608444.92	0.007	0.022	0.02919
491917.89	3608432.47	0.007	0.023	0.02984
491921.29	3608418.89	0.008	0.023	0.03092

Maximum Caner Risk
0.1
SDAQMD threshold of significance
10
Exceed thresholds?
No

491926.95	3608408.14	0.007	0.023	0.03048
491930.91	3608396.25	0.007	0.023	0.03045
491950.72	3608425.12	0.005	0.017	0.02207
491954.11	3608416.06	0.005	0.017	0.02230
491959.21	3608404.74	0.005	0.017	0.02221
491984.11	3608467.56	0.003	0.009	0.01249
491987.5	3608453.98	0.003	0.010	0.01342
491993.16	3608442.66	0.003	0.010	0.01378
491998.26	3608432.47	0.003	0.011	0.01400
492002.22	3608421.15	0.003	0.011	0.01433
492012.41	3608475.49	0.002	0.007	0.00949
492015.24	3608463.6	0.002	0.008	0.01016
492020.9	3608451.15	0.003	0.008	0.01059
492024.29	3608441.53	0.003	0.008	0.01094
492028.25	3608428.51	0.003	0.009	0.01136
492037.31	3608486.24	0.002	0.006	0.00738
492042.4	3608472.09	0.002	0.006	0.00795
492046.36	3608461.34	0.002	0.006	0.00833
492050.89	3608450.58	0.002	0.007	0.00864
492055.42	3608440.4	0.002	0.007	0.00887
492065.61	3608493.6	0.001	0.004	0.00587
492069	3608481.15	0.002	0.005	0.00632
492075.23	3608469.26	0.002	0.005	0.00661
492078.06	3608457.38	0.002	0.005	0.00699
492082.59	3608446.62	0.002	0.005	0.00722
491873.18	3608334.56	0.014	0.044	0.05800
491929.78	3608349.84	0.008	0.024	0.03132
491879.97	3608317.02	0.009	0.029	0.03844
491893.22	3608305.33	0.007	0.021	0.02799
491889.89	3608289.35	0.005	0.016	0.02082
491907.21	3608277.37	0.004	0.012	0.01594
491909.87	3608246.74	0.002	0.007	0.00920
491914.53	3608232.76	0.002	0.006	0.00724
491920.52	3608219.44	0.001	0.004	0.00585
491923.85	3608203.46	0.001	0.003	0.00453
491922.52	3608187.48	0.001	0.003	0.00349
491933.84	3608176.16	0.001	0.002	0.00307
491936.5	3608332.63	0.006	0.020	0.02670
491945.82	3608306.66	0.005	0.015	0.01978
491948.49	3608292.02	0.004	0.013	0.01660
491954.48	3608266.71	0.003	0.009	0.01186
491965.8	3608249.4	0.002	0.007	0.00923
491959.81	3608230.76	0.002	0.006	0.00725
491973.12	3608219.44	0.001	0.005	0.00620

491965.13	3608198.8	0.001	0.004	0.00467
491987.11	3608190.14	0.001	0.003	0.00428
491975.79	3608366.59	0.005	0.015	0.02032
491980.45	3608353.27	0.005	0.015	0.01926
491988.44	3608337.29	0.004	0.013	0.01731
491991.77	3608319.32	0.004	0.012	0.01561
492001.09	3608294.68	0.003	0.010	0.01261
492006.41	3608282.03	0.003	0.008	0.01114
492013.07	3608266.05	0.002	0.007	0.00947
492013.07	3608251.4	0.002	0.006	0.00830
492028.39	3608241.41	0.002	0.005	0.00722
492019.07	3608222.77	0.001	0.005	0.00616
492045.7	3608210.78	0.001	0.004	0.00523
492031.05	3608385.23	0.003	0.010	0.01281
492035.71	3608369.92	0.003	0.010	0.01260
492027.06	3608353.27	0.003	0.010	0.01337
492046.36	3608339.96	0.003	0.009	0.01149
492040.37	3608324.64	0.003	0.009	0.01152
492057.02	3608313.32	0.002	0.008	0.01003
492055.69	3608297.34	0.002	0.007	0.00947
492059.02	3608282.03	0.002	0.007	0.00862
492069.67	3608270.04	0.002	0.006	0.00767
492061.68	3608253.4	0.002	0.005	0.00712
492078.32	3608241.41	0.001	0.005	0.00618
492079.66	3608226.76	0.001	0.004	0.00554
492069.51	3608395.3	0.002	0.007	0.00960
492076.17	3608375.99	0.002	0.007	0.00952
492085.49	3608364.01	0.002	0.007	0.00907
492102.14	3608406.62	0.002	0.006	0.00758
492129.44	3608410.61	0.002	0.005	0.00638
492095.48	3608352.69	0.002	0.006	0.00855
492094.15	3608336.04	0.002	0.006	0.00852
492135.43	3608348.69	0.002	0.005	0.00681
492101.47	3608312.74	0.002	0.006	0.00783
492120.78	3608244.15	0.001	0.004	0.00544
492106.8	3608297.42	0.002	0.006	0.00730
492168.06	3608256.14	0.001	0.004	0.00484
491832.47	3608106.99	0.000	0.000	0.00051
491853.78	3608116.31	0.000	0.001	0.00071
491874.42	3608123.64	0.000	0.001	0.00094
491899.72	3608128.96	0.000	0.001	0.00125
491836.47	3608093.01	0.000	0.000	0.00045
491877.09	3608106.33	0.000	0.001	0.00077
491905.05	3608118.98	0.000	0.001	0.00113

491907.71	3608101.66	0.000	0.001	0.00092
491883.74	3608091.01	0.000	0.001	0.00067
491848.45	3608065.04	0.000	0.000	0.00037
491853.12	3608053.06	0.000	0.000	0.00034
491873.09	3608063.05	0.000	0.000	0.00045
491909.71	3608072.37	0.000	0.001	0.00066
491921.03	3608059.05	0.000	0.000	0.00061
491925.69	3608040.41	0.000	0.000	0.00052
491856.44	3608031.75	0.000	0.000	0.00029
491867.1	3608010.44	0.000	0.000	0.00026
491875.09	3607976.49	0.000	0.000	0.00021
491918.37	3607991.8	0.000	0.000	0.00031
491945	3608000.46	0.000	0.000	0.00040
491935.09	3608141.53	0.000	0.001	0.00187
491960.9	3608152.59	0.001	0.002	0.00245
491988.54	3608164.57	0.001	0.002	0.00311
491946.15	3608114.81	0.000	0.001	0.00138
491988.54	3608129.55	0.000	0.002	0.00201
492018.04	3608107.44	0.000	0.001	0.00170
491955.37	3608089	0.000	0.001	0.00106
491963.66	3608059.51	0.000	0.001	0.00079
491984.86	3608059.51	0.000	0.001	0.00088
492031.86	3608066.89	0.000	0.001	0.00115
492020.8	3608040.16	0.000	0.001	0.00084
491977.49	3608027.26	0.000	0.000	0.00061
491983.94	3608007.9	0.000	0.000	0.00052
492044.76	3608018.04	0.000	0.001	0.00075
492048.45	3608001.45	0.000	0.000	0.00066
491999.6	3607989.47	0.000	0.000	0.00048
492038.31	3608171.95	0.001	0.003	0.00357
492047.53	3608155.36	0.001	0.002	0.00302
492086.23	3608187.61	0.001	0.003	0.00401
492095.45	3608171.03	0.001	0.003	0.00345
492053.98	3608123.1	0.001	0.002	0.00218
492109.27	3608145.22	0.001	0.002	0.00275
492058.59	3608100.06	0.000	0.001	0.00174
492123.1	3608113.89	0.001	0.002	0.00211
492135.08	3608094.53	0.000	0.001	0.00181
492076.1	3608065.04	0.000	0.001	0.00128
492085.31	3608030.02	0.000	0.001	0.00095
492139.69	3608065.96	0.000	0.001	0.00143
492139.69	3608212.5	0.001	0.003	0.00428
492183.92	3608227.24	0.001	0.003	0.00406
492143.37	3608192.22	0.001	0.003	0.00374

492194.98	3608204.2	0.001	0.003	0.00353
492203.28	3608183.01	0.001	0.002	0.00310
492151.67	3608153.52	0.001	0.002	0.00283
492197.75	3608162.73	0.001	0.002	0.00280
492159.04	3608135.08	0.001	0.002	0.00246
492164.57	3608118.49	0.001	0.002	0.00217
492219.86	3608141.53	0.001	0.002	0.00239
492223.55	3608114.81	0.000	0.002	0.00203
492231.84	3608098.22	0.000	0.001	0.00182
492170.1	3608097.3	0.000	0.001	0.00186
492180.24	3608077.94	0.000	0.001	0.00161
492183.92	3608055.83	0.000	0.001	0.00137
492218.94	3608068.73	0.000	0.001	0.00151
492246.59	3608230.01	0.001	0.003	0.00337
492239.22	3608207.89	0.001	0.002	0.00318
492241.98	3608194.07	0.001	0.002	0.00298
492246.59	3608176.56	0.001	0.002	0.00272
492257.65	3608163.65	0.001	0.002	0.00250
492261.34	3608145.22	0.001	0.002	0.00227
492266.87	3608124.02	0.000	0.002	0.00202
492272.39	3608108.36	0.000	0.001	0.00185
492277.92	3608094.53	0.000	0.001	0.00170
492285.3	3608081.63	0.000	0.001	0.00158
491685.34	3608168.26	0.000	0.000	0.00026
491689.95	3608145.22	0.000	0.000	0.00022
491694.56	3608131.4	0.000	0.000	0.00020
491698.24	3608118.49	0.000	0.000	0.00018
491701.01	3608105.59	0.000	0.000	0.00017
491703.77	3608093.61	0.000	0.000	0.00015
491707.46	3608079.79	0.000	0.000	0.00014
491713.91	3608070.57	0.000	0.000	0.00014
491715.75	3608058.59	0.000	0.000	0.00013
491720.36	3608046.61	0.000	0.000	0.00012
491732.34	3608014.36	0.000	0.000	0.00011
491735.11	3608002.37	0.000	0.000	0.00010
491735.11	3607991.32	0.000	0.000	0.00009
491744.32	3607980.26	0.000	0.000	0.00009
491747.09	3607967.35	0.000	0.000	0.00009
491755.38	3607954.45	0.000	0.000	0.00008
491759.07	3607939.71	0.000	0.000	0.00008
491636.5	3608156.28	0.000	0.000	0.00018
491618.06	3608148.91	0.000	0.000	0.00016
491598.71	3608143.38	0.000	0.000	0.00014
491579.36	3608134.16	0.000	0.000	0.00012

491565.53	3608132.32	0.000	0.000	0.00011
491548.94	3608123.1	0.000	0.000	0.00010
491654.01	3608119.42	0.000	0.000	0.00014
491663.22	3608133.24	0.000	0.000	0.00017
491657.69	3608106.51	0.000	0.000	0.00013
491663.22	3608094.53	0.000	0.000	0.00013
491674.28	3608094.53	0.000	0.000	0.00013
491681.65	3608086.24	0.000	0.000	0.00013
491686.26	3608072.42	0.000	0.000	0.00012
491663.22	3608078.87	0.000	0.000	0.00011
491671.52	3608072.42	0.000	0.000	0.00011
491676.12	3608058.59	0.000	0.000	0.00010
491678.89	3608048.45	0.000	0.000	0.00010
491690.87	3608053.98	0.000	0.000	0.00011
491695.48	3608035.55	0.000	0.000	0.00010
491701.93	3608024.49	0.000	0.000	0.00010
491624.52	3608121.26	0.000	0.000	0.00013
491615.3	3608116.65	0.000	0.000	0.00012
491603.32	3608112.97	0.000	0.000	0.00011
491590.42	3608107.44	0.000	0.000	0.00011
491582.12	3608104.67	0.000	0.000	0.00010
491567.38	3608101.91	0.000	0.000	0.00010
491553.55	3608094.53	0.000	0.000	0.00009
491560	3608079.79	0.000	0.000	0.00008
491571.98	3608083.47	0.000	0.000	0.00009
491585.81	3608088.08	0.000	0.000	0.00009
491599.63	3608094.53	0.000	0.000	0.00010
491614.38	3608097.3	0.000	0.000	0.00011
491626.36	3608102.83	0.000	0.000	0.00012
491630.97	3608077.94	0.000	0.000	0.00010
491613.46	3608071.49	0.000	0.000	0.00009
491635.57	3608062.28	0.000	0.000	0.00009
491647.56	3608065.04	0.000	0.000	0.00010
491568.3	3608046.61	0.000	0.000	0.00007
491556.32	3608038.32	0.000	0.000	0.00007
491572.91	3608032.79	0.000	0.000	0.00007
491594.1	3608048.45	0.000	0.000	0.00007
491589.49	3608035.55	0.000	0.000	0.00007
491608.85	3608039.24	0.000	0.000	0.00007
491612.53	3608025.41	0.000	0.000	0.00007
491625.44	3608040.16	0.000	0.000	0.00008
491636.5	3608029.1	0.000	0.000	0.00007
491654.01	3608027.26	0.000	0.000	0.00008
491643.87	3608011.59	0.000	0.000	0.00007

491667.83	3608015.28	0.000	0.000	0.00008
491689.03	3607995	0.000	0.000	0.00008
491681.65	3607976.57	0.000	0.000	0.00007
491704.69	3607986.71	0.000	0.000	0.00008
491713.91	3607971.96	0.000	0.000	0.00007
491725.89	3607958.14	0.000	0.000	0.00007
491711.15	3607949.84	0.000	0.000	0.00007
491729.58	3607943.39	0.000	0.000	0.00007
491714.83	3607935.1	0.000	0.000	0.00006
491724.97	3607923.12	0.000	0.000	0.00006
491737.87	3607928.65	0.000	0.000	0.00007
491735.11	3607910.22	0.000	0.000	0.00006
491558.16	3608010.67	0.000	0.000	0.00006
491579.36	3607998.69	0.000	0.000	0.00006
491595.95	3608003.3	0.000	0.000	0.00006
491613.46	3607995.92	0.000	0.000	0.00006
491599.63	3607983.94	0.000	0.000	0.00005
491623.59	3607979.33	0.000	0.000	0.00006
491640.18	3607983.02	0.000	0.000	0.00006
491660.46	3607968.28	0.000	0.000	0.00006
491659.54	3607951.69	0.000	0.000	0.00005
491677.05	3607950.77	0.000	0.000	0.00006
491682.58	3607937.86	0.000	0.000	0.00005
491670.6	3607928.65	0.000	0.000	0.00005
491694.56	3607921.27	0.000	0.000	0.00005
491682.58	3607913.9	0.000	0.000	0.00005
491682.58	3607901.92	0.000	0.000	0.00005
491705.62	3607902.84	0.000	0.000	0.00005
491561.62	3607964.09	0.000	0.000	0.00005
491578.12	3607959.66	0.000	0.000	0.00005
491573.42	3607943.99	0.000	0.000	0.00004
491600.84	3607959.66	0.000	0.000	0.00005
491591.44	3607944.77	0.000	0.000	0.00004
491603.97	3607934.59	0.000	0.000	0.00004
491615.72	3607947.91	0.000	0.000	0.00005
491636.09	3607933.02	0.000	0.000	0.00005
491625.12	3607917.35	0.000	0.000	0.00004
491644.71	3607918.92	0.000	0.000	0.00004
491642.36	3607896.99	0.000	0.000	0.00004
491658.03	3607905.6	0.000	0.000	0.00004
491665.08	3607887.59	0.000	0.000	0.00004
491647.06	3607883.67	0.000	0.000	0.00004
491564.8	3607922.84	0.000	0.000	0.00004

491587.52	3607913.44	0.000	0.000	0.00004
491573.42	3607903.25	0.000	0.000	0.00004
491607.11	3607896.2	0.000	0.000	0.00004
491603.97	3607878.97	0.000	0.000	0.00003
491621.99	3607877.4	0.000	0.000	0.00003
491892.25	3607962.79	0.000	0.000	0.00021
491943.96	3607975.32	0.000	0.000	0.00031
491586.79	3608712.31	0.000	0.001	0.00096
491579.14	3608732.72	0.000	0.001	0.00084
491579.14	3608751.86	0.000	0.001	0.00075
491563.83	3608778.64	0.000	0.000	0.00063
491558.73	3608797.78	0.000	0.000	0.00056
491545.97	3608824.57	0.000	0.000	0.00048
491543.42	3608838.6	0.000	0.000	0.00045
491534.49	3608869.21	0.000	0.000	0.00039
491635.26	3608725.07	0.000	0.001	0.00098
491665.88	3608731.45	0.000	0.001	0.00096
491654.4	3608756.96	0.000	0.001	0.00079
491627.61	3608748.03	0.000	0.001	0.00083
491621.23	3608764.61	0.000	0.001	0.00074
491651.85	3608772.27	0.000	0.001	0.00071
491635.26	3608823.29	0.000	0.000	0.00052
491608.48	3608810.54	0.000	0.000	0.00055
491603.37	3608829.67	0.000	0.000	0.00050
491627.61	3608838.6	0.000	0.000	0.00047
491622.51	3608866.66	0.000	0.000	0.00041
491590.62	3608859.01	0.000	0.000	0.00042
491586.79	3608875.59	0.000	0.000	0.00039
491617.41	3608884.52	0.000	0.000	0.00037
491707.97	3608753.13	0.000	0.001	0.00082
491702.87	3608768.44	0.000	0.001	0.00073
491696.49	3608791.4	0.000	0.000	0.00063
491688.84	3608805.43	0.000	0.000	0.00057
491683.74	3608834.77	0.000	0.000	0.00048
491674.81	3608851.36	0.000	0.000	0.00044
491669.71	3608874.32	0.000	0.000	0.00039
491667.15	3608903.66	0.000	0.000	0.00033
491741.14	3608758.23	0.000	0.001	0.00080
491733.49	3608772.27	0.000	0.001	0.00072
491727.11	3608797.78	0.000	0.000	0.00060
491720.73	3608809.26	0.000	0.000	0.00056
491711.8	3608833.5	0.000	0.000	0.00048
491706.7	3608855.18	0.000	0.000	0.00043
491701.6	3608871.77	0.000	0.000	0.00039

491699.05	3608899.83	0.000	0.000	0.00034
491778.13	3608770.99	0.000	0.001	0.00075
491773.03	3608791.4	0.000	0.000	0.00065
491762.83	3608811.81	0.000	0.000	0.00057
491760.28	3608828.39	0.000	0.000	0.00051
491755.17	3608851.36	0.000	0.000	0.00045
491747.52	3608869.21	0.000	0.000	0.00040
491738.59	3608884.52	0.000	0.000	0.00037
491738.59	3608902.38	0.000	0.000	0.00034
491804.92	3608781.2	0.000	0.001	0.00072
491802.37	3608806.71	0.000	0.000	0.00061
491789.61	3608822.02	0.000	0.000	0.00055
491788.34	3608839.87	0.000	0.000	0.00049
491774.31	3608853.91	0.000	0.000	0.00045
491778.13	3608875.59	0.000	0.000	0.00040
491773.03	3608892.17	0.000	0.000	0.00037
491770.48	3608916.41	0.000	0.000	0.00032
491848.29	3608793.95	0.000	0.001	0.00069
491845.74	3608815.64	0.000	0.000	0.00060
491835.54	3608834.77	0.000	0.000	0.00053
491829.16	3608859.01	0.000	0.000	0.00046
491824.06	3608874.32	0.000	0.000	0.00042
491824.06	3608890.9	0.000	0.000	0.00039
491820.23	3608904.93	0.000	0.000	0.00036
491818.95	3608924.07	0.000	0.000	0.00033
491817.68	3608940.65	0.000	0.000	0.00031
491873.81	3608822.02	0.000	0.000	0.00058
491864.88	3608842.43	0.000	0.000	0.00052
491859.77	3608864.11	0.000	0.000	0.00046
491855.95	3608878.14	0.000	0.000	0.00043
491849.57	3608899.83	0.000	0.000	0.00038
491857.22	3608915.14	0.000	0.000	0.00036
491869.98	3608930.44	0.000	0.000	0.00033
491890.39	3608932.99	0.000	0.000	0.00033
491915.9	3608818.19	0.000	0.000	0.00059
491914.63	3608838.6	0.000	0.000	0.00053
491904.42	3608855.18	0.000	0.000	0.00048
491903.14	3608874.32	0.000	0.000	0.00044
491895.49	3608897.28	0.000	0.000	0.00039
491915.9	3608899.83	0.000	0.000	0.00039
491936.31	3608902.38	0.000	0.000	0.00038
491952.89	3608910.03	0.000	0.000	0.00037
491966.93	3608922.79	0.000	0.000	0.00034
491923.55	3608947.03	0.000	0.000	0.00032

491945.24	3608961.06	0.000	0.000	0.00030
491737.31	3608925.34	0.000	0.000	0.00030
CONCUNIT ug	m^3	0.000	0.000	
DEPUNIT g/m	2	0.000	0.000	

Moss Street

Tier IV mitigation
at Sensitive Receptors

Chronic Non-Cancer Hazard Index

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

CNCHI = DPM/REL

X (m)	Y (m)	2019 DPM (ug/m3)	2020 DPM (ug/m3)	Max DPM (ug/m3)	CNCHI
491856.94	3608423.76	0.017652	0.013768	0.017652	0.00353
491770.82	3608296.56	0.002602	0.00228	0.002602	0.00052
491786.69	3608300.4	0.004959	0.004095	0.004959	0.00099
491777.07	3608270.58	0.001171	0.001029	0.001171	0.00023
491794.39	3608275.87	0.002116	0.001762	0.002116	0.00042
491789.88	3608254.44	0.000941	0.000807	0.000941	0.00019
491793.88	3608239.79	0.000682	0.000584	0.000682	0.00014
491796.54	3608225.81	0.000512	0.000438	0.000512	0.00010
491799.2	3608213.16	0.000409	0.000349	0.000409	0.00008
491804.53	3608198.51	0.000333	0.000282	0.000333	0.00007
491835.16	3608317.03	0.011184	0.008821	0.011184	0.00224
491837.82	3608303.71	0.007695	0.006096	0.007695	0.00154
491843.81	3608287.73	0.004905	0.003903	0.004905	0.00098
491851.14	3608274.41	0.003502	0.002793	0.003502	0.00070
491863.07	3608247.22	0.001912	0.001532	0.001912	0.00038
491867.68	3608231.55	0.001391	0.001118	0.001391	0.00028
491875.05	3608218.65	0.001122	0.000902	0.001122	0.00022
491878.74	3608195.61	0.000741	0.000597	0.000741	0.00015
491885.19	3608177.18	0.000563	0.000455	0.000563	0.00011
491807.78	3608183.63	0.000269	0.000226	0.000269	0.00005
491812.39	3608167.97	0.000222	0.000185	0.000222	0.00004
491819.76	3608146.77	0.000177	0.000147	0.000177	0.00004
491840.03	3608155.06	0.000251	0.000207	0.000251	0.00005

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

491868.6	3608170.73	0.000436	0.000354	0.000436	0.00009
491865.26	3608414.36	0.016478	0.012853	0.016478	0.00330
491867.52	3608403.04	0.016863	0.013156	0.016863	0.00337
491872.05	3608392.29	0.016535	0.012902	0.016535	0.00331
491874.88	3608377.58	0.016702	0.013036	0.016702	0.00334
491886.76	3608431.91	0.010866	0.008477	0.010866	0.00217
491890.73	3608422.29	0.010906	0.008509	0.010906	0.00218
491896.39	3608409.84	0.01079	0.00842	0.01079	0.00216
491900.35	3608397.38	0.010805	0.008434	0.010805	0.00216
491903.74	3608384.93	0.010765	0.008405	0.010765	0.00215
491912.8	3608444.92	0.007204	0.005622	0.007204	0.00144
491917.89	3608432.47	0.007364	0.005747	0.007364	0.00147
491921.29	3608418.89	0.007629	0.005954	0.007629	0.00153
491926.95	3608408.14	0.007518	0.005869	0.007518	0.00150
491930.91	3608396.25	0.007512	0.005866	0.007512	0.00150
491950.72	3608425.12	0.005444	0.004251	0.005444	0.00109
491954.11	3608416.06	0.0055	0.004295	0.0055	0.00110
491959.21	3608404.74	0.005476	0.004277	0.005476	0.00110
491984.11	3608467.56	0.00308	0.002405	0.00308	0.00062
491987.5	3608453.98	0.00331	0.002584	0.00331	0.00066
491993.16	3608442.66	0.003399	0.002654	0.003399	0.00068
491998.26	3608432.47	0.003453	0.002697	0.003453	0.00069
492002.22	3608421.15	0.003533	0.00276	0.003533	0.00071
492012.41	3608475.49	0.00234	0.001827	0.00234	0.00047
492015.24	3608463.6	0.002505	0.001957	0.002505	0.00050
492020.9	3608451.15	0.002612	0.00204	0.002612	0.00052
492024.29	3608441.53	0.002697	0.002107	0.002697	0.00054
492028.25	3608428.51	0.002802	0.002189	0.002802	0.00056
492037.31	3608486.24	0.001819	0.001421	0.001819	0.00036
492042.4	3608472.09	0.001959	0.00153	0.001959	0.00039
492046.36	3608461.34	0.002054	0.001605	0.002054	0.00041
492050.89	3608450.58	0.00213	0.001664	0.00213	0.00043
492055.42	3608440.4	0.002187	0.001709	0.002187	0.00044
492065.61	3608493.6	0.001448	0.001131	0.001448	0.00029

492069	3608481.15	0.001558	0.001218	0.001558	0.00031
492075.23	3608469.26	0.001629	0.001273	0.001629	0.00033
492078.06	3608457.38	0.001724	0.001347	0.001724	0.00034
492082.59	3608446.62	0.001781	0.001392	0.001781	0.00036
491873.18	3608334.56	0.014288	0.011176	0.014288	0.00286
491929.78	3608349.84	0.007717	0.006034	0.007717	0.00154
491879.97	3608317.02	0.009451	0.007412	0.009451	0.00189
491893.22	3608305.33	0.006873	0.005398	0.006873	0.00137
491889.89	3608289.35	0.0051	0.004019	0.0051	0.00102
491907.21	3608277.37	0.003902	0.003077	0.003902	0.00078
491909.87	3608246.74	0.002242	0.001778	0.002242	0.00045
491914.53	3608232.76	0.001762	0.001399	0.001762	0.00035
491920.52	3608219.44	0.001422	0.001131	0.001422	0.00028
491923.85	3608203.46	0.001101	0.000877	0.001101	0.00022
491922.52	3608187.48	0.000845	0.000675	0.000845	0.00017
491933.84	3608176.16	0.000745	0.000595	0.000745	0.00015
491936.5	3608332.63	0.006573	0.005145	0.006573	0.00131
491945.82	3608306.66	0.004862	0.003813	0.004862	0.00097
491948.49	3608292.02	0.004077	0.003202	0.004077	0.00082
491954.48	3608266.71	0.002907	0.002289	0.002907	0.00058
491965.8	3608249.4	0.002259	0.001781	0.002259	0.00045
491959.81	3608230.76	0.001771	0.0014	0.001771	0.00035
491973.12	3608219.44	0.001516	0.001199	0.001516	0.00030
491965.13	3608198.8	0.001139	0.000903	0.001139	0.00023
491987.11	3608190.14	0.001044	0.000827	0.001044	0.00021
491975.79	3608366.59	0.005009	0.003916	0.005009	0.00100
491980.45	3608353.27	0.004744	0.003711	0.004744	0.00095
491988.44	3608337.29	0.004261	0.003335	0.004261	0.00085
491991.77	3608319.32	0.003842	0.00301	0.003842	0.00077
492001.09	3608294.68	0.003098	0.002431	0.003098	0.00062
492006.41	3608282.03	0.002736	0.002148	0.002736	0.00055
492013.07	3608266.05	0.002325	0.001827	0.002325	0.00046
492013.07	3608251.4	0.002035	0.001601	0.002035	0.00041
492028.39	3608241.41	0.001771	0.001394	0.001771	0.00035

492019.07	3608222.77	0.001508	0.001189	0.001508	0.00030
492045.7	3608210.78	0.001281	0.00101	0.001281	0.00026
492031.05	3608385.23	0.003157	0.002468	0.003157	0.00063
492035.71	3608369.92	0.003103	0.002427	0.003103	0.00062
492027.06	3608353.27	0.003292	0.002575	0.003292	0.00066
492046.36	3608339.96	0.00283	0.002215	0.00283	0.00057
492040.37	3608324.64	0.002835	0.00222	0.002835	0.00057
492057.02	3608313.32	0.002468	0.001934	0.002468	0.00049
492055.69	3608297.34	0.002329	0.001827	0.002329	0.00047
492059.02	3608282.03	0.002118	0.001662	0.002118	0.00042
492069.67	3608270.04	0.001885	0.00148	0.001885	0.00038
492061.68	3608253.4	0.001748	0.001374	0.001748	0.00035
492078.32	3608241.41	0.001517	0.001193	0.001517	0.00030
492079.66	3608226.76	0.00136	0.00107	0.00136	0.00027
492069.51	3608395.3	0.002365	0.00185	0.002365	0.00047
492076.17	3608375.99	0.002345	0.001834	0.002345	0.00047
492085.49	3608364.01	0.002232	0.001747	0.002232	0.00045
492102.14	3608406.62	0.001867	0.00146	0.001867	0.00037
492129.44	3608410.61	0.001572	0.00123	0.001572	0.00031
492095.48	3608352.69	0.002104	0.001647	0.002104	0.00042
492094.15	3608336.04	0.002096	0.001642	0.002096	0.00042
492135.43	3608348.69	0.001677	0.001313	0.001677	0.00034
492101.47	3608312.74	0.001927	0.00151	0.001927	0.00039
492120.78	3608244.15	0.001336	0.00105	0.001336	0.00027
492106.8	3608297.42	0.001794	0.001407	0.001794	0.00036
492168.06	3608256.14	0.001189	0.000933	0.001189	0.00024
491832.47	3608106.99	0.000122	0.0001	0.000122	0.00002
491853.78	3608116.31	0.000168	0.000137	0.000168	0.00003
491874.42	3608123.64	0.000225	0.000183	0.000225	0.00005
491899.72	3608128.96	0.000301	0.000243	0.000301	0.00006
491836.47	3608093.01	0.000108	8.84E-05	0.000108	0.00002
491877.09	3608106.33	0.000183	0.000149	0.000183	0.00004
491905.05	3608118.98	0.000273	0.00022	0.000273	0.00005
491907.71	3608101.66	0.000222	0.000179	0.000222	0.00004

491883.74	3608091.01	0.000161	0.00013	0.000161	0.00003
491848.45	3608065.04	8.92E-05	7.27E-05	8.92E-05	0.00002
491853.12	3608053.06	8.23E-05	6.69E-05	8.23E-05	0.00002
491873.09	3608063.05	0.000107	8.69E-05	0.000107	0.00002
491909.71	3608072.37	0.000158	0.000128	0.000158	0.00003
491921.03	3608059.05	0.000148	0.000119	0.000148	0.00003
491925.69	3608040.41	0.000125	0.0001	0.000125	0.00003
491856.44	3608031.75	6.9E-05	5.6E-05	6.9E-05	0.00001
491867.1	3608010.44	6.18E-05	5E-05	6.18E-05	0.00001
491875.09	3607976.49	4.94E-05	3.98E-05	4.94E-05	0.00001
491918.37	3607991.8	7.47E-05	6E-05	7.47E-05	0.00001
491945	3608000.46	9.57E-05	7.67E-05	9.57E-05	0.00002
491935.09	3608141.53	0.000452	0.000362	0.000452	0.00009
491960.9	3608152.59	0.000594	0.000474	0.000594	0.00012
491988.54	3608164.57	0.000757	0.000601	0.000757	0.00015
491946.15	3608114.81	0.000335	0.000268	0.000335	0.00007
491988.54	3608129.55	0.000489	0.000389	0.000489	0.00010
492018.04	3608107.44	0.000415	0.00033	0.000415	0.00008
491955.37	3608089	0.000256	0.000205	0.000256	0.00005
491963.66	3608059.51	0.000191	0.000153	0.000191	0.00004
491984.86	3608059.51	0.000213	0.00017	0.000213	0.00004
492031.86	3608066.89	0.00028	0.000223	0.00028	0.00006
492020.8	3608040.16	0.000205	0.000164	0.000205	0.00004
491977.49	3608027.26	0.000148	0.000118	0.000148	0.00003
491983.94	3608007.9	0.000127	0.000101	0.000127	0.00003
492044.76	3608018.04	0.000183	0.000145	0.000183	0.00004
492048.45	3608001.45	0.000159	0.000127	0.000159	0.00003
491999.6	3607989.47	0.000116	9.25E-05	0.000116	0.00002
492038.31	3608171.95	0.000872	0.00069	0.000872	0.00017
492047.53	3608155.36	0.000736	0.000583	0.000736	0.00015
492086.23	3608187.61	0.000981	0.000774	0.000981	0.00020
492095.45	3608171.03	0.000844	0.000666	0.000844	0.00017
492053.98	3608123.1	0.000532	0.000421	0.000532	0.00011
492109.27	3608145.22	0.000673	0.000531	0.000673	0.00013

492058.59	3608100.06	0.000424	0.000336	0.000424	0.00008
492123.1	3608113.89	0.000516	0.000408	0.000516	0.00010
492135.08	3608094.53	0.000442	0.000349	0.000442	0.00009
492076.1	3608065.04	0.000313	0.000248	0.000313	0.00006
492085.31	3608030.02	0.000232	0.000184	0.000232	0.00005
492139.69	3608065.96	0.00035	0.000277	0.00035	0.00007
492139.69	3608212.5	0.00105	0.000826	0.00105	0.00021
492183.92	3608227.24	0.000998	0.000784	0.000998	0.00020
492143.37	3608192.22	0.000916	0.000721	0.000916	0.00018
492194.98	3608204.2	0.000866	0.000681	0.000866	0.00017
492203.28	3608183.01	0.000761	0.000599	0.000761	0.00015
492151.67	3608153.52	0.000693	0.000547	0.000693	0.00014
492197.75	3608162.73	0.000687	0.000541	0.000687	0.00014
492159.04	3608135.08	0.000603	0.000475	0.000603	0.00012
492164.57	3608118.49	0.000532	0.00042	0.000532	0.00011
492219.86	3608141.53	0.000585	0.000461	0.000585	0.00012
492223.55	3608114.81	0.000496	0.000391	0.000496	0.00010
492231.84	3608098.22	0.000445	0.000351	0.000445	0.00009
492170.1	3608097.3	0.000454	0.000359	0.000454	0.00009
492180.24	3608077.94	0.000394	0.000311	0.000394	0.00008
492183.92	3608055.83	0.000335	0.000265	0.000335	0.00007
492218.94	3608068.73	0.00037	0.000292	0.00037	0.00007
492246.59	3608230.01	0.000828	0.00065	0.000828	0.00017
492239.22	3608207.89	0.00078	0.000613	0.00078	0.00016
492241.98	3608194.07	0.000731	0.000575	0.000731	0.00015
492246.59	3608176.56	0.000668	0.000526	0.000668	0.00013
492257.65	3608163.65	0.000614	0.000483	0.000614	0.00012
492261.34	3608145.22	0.000557	0.000439	0.000557	0.00011
492266.87	3608124.02	0.000496	0.00039	0.000496	0.00010
492272.39	3608108.36	0.000453	0.000357	0.000453	0.00009
492277.92	3608094.53	0.000417	0.000329	0.000417	0.00008
492285.3	3608081.63	0.000386	0.000304	0.000386	0.00008
491685.34	3608168.26	5.94E-05	5.22E-05	5.94E-05	0.00001
491689.95	3608145.22	4.95E-05	4.28E-05	4.95E-05	0.00001

491694.56	3608131.4	4.53E-05	3.89E-05	4.53E-05	0.00001
491698.24	3608118.49	4.18E-05	3.56E-05	4.18E-05	0.00001
491701.01	3608105.59	3.84E-05	3.26E-05	3.84E-05	0.00001
491703.77	3608093.61	3.57E-05	3.01E-05	3.57E-05	0.00001
491707.46	3608079.79	3.3E-05	2.78E-05	3.3E-05	0.00001
491713.91	3608070.57	3.22E-05	2.7E-05	3.22E-05	0.00001
491715.75	3608058.59	3E-05	2.51E-05	3E-05	0.00001
491720.36	3608046.61	2.85E-05	2.37E-05	2.85E-05	0.00001
491732.34	3608014.36	2.49E-05	2.06E-05	2.49E-05	0.00000
491735.11	3608002.37	2.36E-05	1.94E-05	2.36E-05	0.00000
491735.11	3607991.32	2.21E-05	1.82E-05	2.21E-05	0.00000
491744.32	3607980.26	2.18E-05	1.79E-05	2.18E-05	0.00000
491747.09	3607967.35	2.06E-05	1.69E-05	2.06E-05	0.00000
491755.38	3607954.45	2.01E-05	1.64E-05	2.01E-05	0.00000
491759.07	3607939.71	1.89E-05	1.54E-05	1.89E-05	0.00000
491636.5	3608156.28	4.08E-05	3.56E-05	4.08E-05	0.00001
491618.06	3608148.91	3.55E-05	3.09E-05	3.55E-05	0.00001
491598.71	3608143.38	3.17E-05	2.74E-05	3.17E-05	0.00001
491579.36	3608134.16	2.78E-05	2.39E-05	2.78E-05	0.00001
491565.53	3608132.32	2.63E-05	2.25E-05	2.63E-05	0.00001
491548.94	3608123.1	2.36E-05	2.01E-05	2.36E-05	0.00000
491654.01	3608119.42	3.32E-05	2.85E-05	3.32E-05	0.00001
491663.22	3608133.24	3.85E-05	3.32E-05	3.85E-05	0.00001
491657.69	3608106.51	3.08E-05	2.63E-05	3.08E-05	0.00001
491663.22	3608094.53	2.9E-05	2.46E-05	2.9E-05	0.00001
491674.28	3608094.53	3.05E-05	2.59E-05	3.05E-05	0.00001
491681.65	3608086.24	2.99E-05	2.53E-05	2.99E-05	0.00001
491686.26	3608072.42	2.78E-05	2.35E-05	2.78E-05	0.00001
491663.22	3608078.87	2.61E-05	2.21E-05	2.61E-05	0.00001
491671.52	3608072.42	2.59E-05	2.19E-05	2.59E-05	0.00001
491676.12	3608058.59	2.42E-05	2.04E-05	2.42E-05	0.00000
491678.89	3608048.45	2.3E-05	1.93E-05	2.3E-05	0.00000
491690.87	3608053.98	2.53E-05	2.12E-05	2.53E-05	0.00001
491695.48	3608035.55	2.31E-05	1.93E-05	2.31E-05	0.00000

491701.93	3608024.49	2.23E-05	1.86E-05	2.23E-05	0.00000
491624.52	3608121.26	2.99E-05	2.57E-05	2.99E-05	0.00001
491615.3	3608116.65	2.8E-05	2.4E-05	2.8E-05	0.00001
491603.32	3608112.97	2.63E-05	2.25E-05	2.63E-05	0.00001
491590.42	3608107.44	2.44E-05	2.08E-05	2.44E-05	0.00000
491582.12	3608104.67	2.34E-05	1.99E-05	2.34E-05	0.00000
491567.38	3608101.91	2.21E-05	1.87E-05	2.21E-05	0.00000
491553.55	3608094.53	2.04E-05	1.72E-05	2.04E-05	0.00000
491560	3608079.79	1.91E-05	1.61E-05	1.91E-05	0.00000
491571.98	3608083.47	2.01E-05	1.7E-05	2.01E-05	0.00000
491585.81	3608088.08	2.14E-05	1.81E-05	2.14E-05	0.00000
491599.63	3608094.53	2.31E-05	1.97E-05	2.31E-05	0.00000
491614.38	3608097.3	2.46E-05	2.1E-05	2.46E-05	0.00000
491626.36	3608102.83	2.65E-05	2.27E-05	2.65E-05	0.00001
491630.97	3608077.94	2.29E-05	1.95E-05	2.29E-05	0.00000
491613.46	3608071.49	2.09E-05	1.77E-05	2.09E-05	0.00000
491635.57	3608062.28	2.11E-05	1.79E-05	2.11E-05	0.00000
491647.56	3608065.04	2.24E-05	1.89E-05	2.24E-05	0.00000
491568.3	3608046.61	1.63E-05	1.37E-05	1.63E-05	0.00000
491556.32	3608038.32	1.52E-05	1.27E-05	1.52E-05	0.00000
491572.91	3608032.79	1.53E-05	1.28E-05	1.53E-05	0.00000
491594.1	3608048.45	1.74E-05	1.46E-05	1.74E-05	0.00000
491589.49	3608035.55	1.6E-05	1.35E-05	1.6E-05	0.00000
491608.85	3608039.24	1.71E-05	1.44E-05	1.71E-05	0.00000
491612.53	3608025.41	1.6E-05	1.34E-05	1.6E-05	0.00000
491625.44	3608040.16	1.8E-05	1.51E-05	1.8E-05	0.00000
491636.5	3608029.1	1.75E-05	1.47E-05	1.75E-05	0.00000
491654.01	3608027.26	1.83E-05	1.54E-05	1.83E-05	0.00000
491643.87	3608011.59	1.62E-05	1.36E-05	1.62E-05	0.00000
491667.83	3608015.28	1.81E-05	1.51E-05	1.81E-05	0.00000
491689.03	3607995	1.77E-05	1.47E-05	1.77E-05	0.00000
491681.65	3607976.57	1.56E-05	1.29E-05	1.56E-05	0.00000
491704.69	3607986.71	1.83E-05	1.51E-05	1.83E-05	0.00000
491713.91	3607971.96	1.77E-05	1.46E-05	1.77E-05	0.00000

491725.89	3607958.14	1.75E-05	1.44E-05	1.75E-05	0.00000
491711.15	3607949.84	1.56E-05	1.28E-05	1.56E-05	0.00000
491729.58	3607943.39	1.65E-05	1.35E-05	1.65E-05	0.00000
491714.83	3607935.1	1.47E-05	1.21E-05	1.47E-05	0.00000
491724.97	3607923.12	1.46E-05	1.2E-05	1.46E-05	0.00000
491737.87	3607928.65	1.6E-05	1.31E-05	1.6E-05	0.00000
491735.11	3607910.22	1.44E-05	1.18E-05	1.44E-05	0.00000
491558.16	3608010.67	1.33E-05	1.11E-05	1.33E-05	0.00000
491579.36	3607998.69	1.3E-05	1.08E-05	1.3E-05	0.00000
491595.95	3608003.3	1.37E-05	1.15E-05	1.37E-05	0.00000
491613.46	3607995.92	1.37E-05	1.15E-05	1.37E-05	0.00000
491599.63	3607983.94	1.25E-05	1.05E-05	1.25E-05	0.00000
491623.59	3607979.33	1.3E-05	1.08E-05	1.3E-05	0.00000
491640.18	3607983.02	1.38E-05	1.15E-05	1.38E-05	0.00000
491660.46	3607968.28	1.37E-05	1.14E-05	1.37E-05	0.00000
491659.54	3607951.69	1.27E-05	1.05E-05	1.27E-05	0.00000
491677.05	3607950.77	1.35E-05	1.11E-05	1.35E-05	0.00000
491682.58	3607937.86	1.29E-05	1.07E-05	1.29E-05	0.00000
491670.6	3607928.65	1.18E-05	9.78E-06	1.18E-05	0.00000
491694.56	3607921.27	1.26E-05	1.04E-05	1.26E-05	0.00000
491682.58	3607913.9	1.16E-05	9.56E-06	1.16E-05	0.00000
491682.58	3607901.92	1.1E-05	9.07E-06	1.1E-05	0.00000
491705.62	3607902.84	1.22E-05	9.98E-06	1.22E-05	0.00000
491561.62	3607964.09	1.07E-05	8.89E-06	1.07E-05	0.00000
491578.12	3607959.66	1.07E-05	8.94E-06	1.07E-05	0.00000
491573.42	3607943.99	9.93E-06	8.25E-06	9.93E-06	0.00000
491600.84	3607959.66	1.12E-05	9.32E-06	1.12E-05	0.00000
491591.44	3607944.77	1.03E-05	8.53E-06	1.03E-05	0.00000
491603.97	3607934.59	1E-05	8.34E-06	1E-05	0.00000
491615.72	3607947.91	1.09E-05	9.1E-06	1.09E-05	0.00000
491636.09	3607933.02	1.08E-05	8.94E-06	1.08E-05	0.00000
491625.12	3607917.35	9.77E-06	8.1E-06	9.77E-06	0.00000
491644.71	3607918.92	1.04E-05	8.6E-06	1.04E-05	0.00000
491642.36	3607896.99	9.4E-06	7.77E-06	9.4E-06	0.00000

491658.03	3607905.6	1.02E-05	8.45E-06	1.02E-05	0.00000
491665.08	3607887.59	9.72E-06	8.01E-06	9.72E-06	0.00000
491647.06	3607883.67	9.02E-06	7.45E-06	9.02E-06	0.00000
491564.8	3607922.84	8.94E-06	7.42E-06	8.94E-06	0.00000
491587.52	3607913.44	8.89E-06	7.37E-06	8.89E-06	0.00000
491573.42	3607903.25	8.33E-06	6.9E-06	8.33E-06	0.00000
491607.11	3607896.2	8.58E-06	7.1E-06	8.58E-06	0.00000
491603.97	3607878.97	7.95E-06	6.57E-06	7.95E-06	0.00000
491621.99	3607877.4	8.22E-06	6.79E-06	8.22E-06	0.00000
491892.25	3607962.79	4.96E-05	3.99E-05	4.96E-05	0.00001
491943.96	3607975.32	7.59E-05	6.08E-05	7.59E-05	0.00002
491586.79	3608712.31	0.000236	0.000186	0.000236	0.00005
491579.14	3608732.72	0.000205	0.000161	0.000205	0.00004
491579.14	3608751.86	0.000184	0.000144	0.000184	0.00004
491563.83	3608778.64	0.000154	0.000121	0.000154	0.00003
491558.73	3608797.78	0.000138	0.000108	0.000138	0.00003
491545.97	3608824.57	0.000118	9.31E-05	0.000118	0.00002
491543.42	3608838.6	0.000111	8.69E-05	0.000111	0.00002
491534.49	3608869.21	9.51E-05	7.48E-05	9.51E-05	0.00002
491635.26	3608725.07	0.00024	0.000189	0.00024	0.00005
491665.88	3608731.45	0.000235	0.000184	0.000235	0.00005
491654.4	3608756.96	0.000194	0.000152	0.000194	0.00004
491627.61	3608748.03	0.000203	0.000159	0.000203	0.00004
491621.23	3608764.61	0.000181	0.000142	0.000181	0.00004
491651.85	3608772.27	0.000175	0.000137	0.000175	0.00003
491635.26	3608823.29	0.000127	9.98E-05	0.000127	0.00003
491608.48	3608810.54	0.000136	0.000107	0.000136	0.00003
491603.37	3608829.67	0.000122	9.58E-05	0.000122	0.00002
491627.61	3608838.6	0.000116	9.15E-05	0.000116	0.00002
491622.51	3608866.66	0.0001	7.88E-05	0.0001	0.00002
491590.62	3608859.01	0.000104	8.18E-05	0.000104	0.00002
491586.79	3608875.59	9.57E-05	7.52E-05	9.57E-05	0.00002
491617.41	3608884.52	9.16E-05	7.2E-05	9.16E-05	0.00002
491707.97	3608753.13	0.000201	0.000158	0.000201	0.00004

491702.87	3608768.44	0.00018	0.000141	0.00018	0.00004
491696.49	3608791.4	0.000154	0.000121	0.000154	0.00003
491688.84	3608805.43	0.000141	0.00011	0.000141	0.00003
491683.74	3608834.77	0.000118	9.26E-05	0.000118	0.00002
491674.81	3608851.36	0.000107	8.45E-05	0.000107	0.00002
491669.71	3608874.32	9.51E-05	7.47E-05	9.51E-05	0.00002
491667.15	3608903.66	8.2E-05	6.45E-05	8.2E-05	0.00002
491741.14	3608758.23	0.000196	0.000154	0.000196	0.00004
491733.49	3608772.27	0.000177	0.000139	0.000177	0.00004
491727.11	3608797.78	0.000148	0.000117	0.000148	0.00003
491720.73	3608809.26	0.000138	0.000108	0.000138	0.00003
491711.8	3608833.5	0.000119	9.33E-05	0.000119	0.00002
491706.7	3608855.18	0.000105	8.25E-05	0.000105	0.00002
491701.6	3608871.77	9.59E-05	7.54E-05	9.59E-05	0.00002
491699.05	3608899.83	8.31E-05	6.54E-05	8.31E-05	0.00002
491778.13	3608770.99	0.000185	0.000145	0.000185	0.00004
491773.03	3608791.4	0.00016	0.000126	0.00016	0.00003
491762.83	3608811.81	0.000139	0.000109	0.000139	0.00003
491760.28	3608828.39	0.000126	9.88E-05	0.000126	0.00003
491755.17	3608851.36	0.00011	8.62E-05	0.00011	0.00002
491747.52	3608869.21	9.9E-05	7.78E-05	9.9E-05	0.00002
491738.59	3608884.52	9.09E-05	7.15E-05	9.09E-05	0.00002
491738.59	3608902.38	8.31E-05	6.54E-05	8.31E-05	0.00002
491804.92	3608781.2	0.000178	0.000139	0.000178	0.00004
491802.37	3608806.71	0.00015	0.000118	0.00015	0.00003
491789.61	3608822.02	0.000135	0.000106	0.000135	0.00003
491788.34	3608839.87	0.000121	9.51E-05	0.000121	0.00002
491774.31	3608853.91	0.00011	8.66E-05	0.00011	0.00002
491778.13	3608875.59	9.84E-05	7.74E-05	9.84E-05	0.00002
491773.03	3608892.17	9E-05	7.07E-05	9E-05	0.00002
491770.48	3608916.41	7.97E-05	6.27E-05	7.97E-05	0.00002
491848.29	3608793.95	0.000168	0.000132	0.000168	0.00003
491845.74	3608815.64	0.000147	0.000116	0.000147	0.00003
491835.54	3608834.77	0.000131	0.000103	0.000131	0.00003

491829.16	3608859.01	0.000114	8.92E-05	0.000114	0.00002
491824.06	3608874.32	0.000104	8.19E-05	0.000104	0.00002
491824.06	3608890.9	9.56E-05	7.52E-05	9.56E-05	0.00002
491820.23	3608904.93	8.89E-05	6.98E-05	8.89E-05	0.00002
491818.95	3608924.07	8.09E-05	6.36E-05	8.09E-05	0.00002
491817.68	3608940.65	7.48E-05	5.88E-05	7.48E-05	0.00001
491873.81	3608822.02	0.000143	0.000112	0.000143	0.00003
491864.88	3608842.43	0.000127	9.98E-05	0.000127	0.00003
491859.77	3608864.11	0.000113	8.87E-05	0.000113	0.00002
491855.95	3608878.14	0.000105	8.22E-05	0.000105	0.00002
491849.57	3608899.83	9.35E-05	7.34E-05	9.35E-05	0.00002
491857.22	3608915.14	8.73E-05	6.86E-05	8.73E-05	0.00002
491869.98	3608930.44	8.19E-05	6.44E-05	8.19E-05	0.00002
491890.39	3608932.99	8.18E-05	6.43E-05	8.18E-05	0.00002
491915.9	3608818.19	0.000144	0.000113	0.000144	0.00003
491914.63	3608838.6	0.000129	0.000101	0.000129	0.00003
491904.42	3608855.18	0.000119	9.34E-05	0.000119	0.00002
491903.14	3608874.32	0.000108	8.49E-05	0.000108	0.00002
491895.49	3608897.28	9.66E-05	7.59E-05	9.66E-05	0.00002
491915.9	3608899.83	9.55E-05	7.5E-05	9.55E-05	0.00002
491936.31	3608902.38	9.38E-05	7.36E-05	9.38E-05	0.00002
491952.89	3608910.03	8.99E-05	7.06E-05	8.99E-05	0.00002
491966.93	3608922.79	8.44E-05	6.62E-05	8.44E-05	0.00002
491923.55	3608947.03	7.74E-05	6.08E-05	7.74E-05	0.00002
491945.24	3608961.06	7.28E-05	5.72E-05	7.28E-05	0.00001
491737.31	3608925.34	7.45E-05	5.86E-05	7.45E-05	0.00001
CONCUNIT ug/ m^3		0	0	0	0.00000
DEPUNIT g/m^	2	0	0	0	0.00000

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**
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** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.1
** Lakes Environmental Software Inc.
** Date: 1/2/2019
** File: C:\Users\xli\Desktop\3426.0024 Moss Street\construction
HRA\construction HRA.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\xli\Desktop\3426.0024 Moss Street\construction
HRA\construc
   MODELOPT DFAULT CONC
   AVERTIME ANNUAL
   URBANOPT 100000
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "construction HRA.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION PAREA1       AREAPOLY   491858.590  3608344.807
9.870
** DESCRSRC Onsite construction souce
** ------------------------------------------------------------------
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC offsite trucks
** PREFIX
** Length of Side = 8.50
** Configuration = Adjacent
** Emission Rate = 1.0
** Elevated
** Vertical Dimension = 6.22
** SZINIT = 1.45
```

```
** Nodes = 7
** 491582.789, 3608423.319, 6.31, 3.11, 3.95
** 491617.180, 3608437.388, 6.95, 3.11, 3.95
** 491667.015, 3608281.880, 7.16, 3.11, 3.95
** 491668.491, 3608282.394, 7.18, 3.11, 3.95
** 491681.973, 3608287.088, 7.84, 3.11, 3.95
** 491683.943, 3608287.774, 7.85, 3.11, 3.95
** 491801.890, 3608328.842, 9.01, 3.11, 3.95
** ----------------------------------------------------------------
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   LOCATION L0000001     VOLUME   491586.723 3608424.928 6.39
   LOCATION L0000002     VOLUME   491594.590 3608428.146 6.49
   LOCATION L0000003     VOLUME   491602.457 3608431.365 6.59
   LOCATION L0000004     VOLUME   491610.324 3608434.583 6.69
   LOCATION L0000005     VOLUME   491617.513 3608436.347 6.79
   LOCATION L0000006     VOLUME   491620.107 3608428.253 6.82
   LOCATION L0000007     VOLUME   491622.701 3608420.158 6.85
   LOCATION L0000008     VOLUME   491625.295 3608412.064 6.89
   LOCATION L0000009     VOLUME   491627.890 3608403.969 6.92
   LOCATION L0000010     VOLUME   491630.484 3608395.874 6.95
   LOCATION L0000011     VOLUME   491633.078 3608387.780 6.99
   LOCATION L0000012     VOLUME   491635.672 3608379.685 7.02
   LOCATION L0000013     VOLUME   491638.266 3608371.591 7.05
   LOCATION L0000014     VOLUME   491640.860 3608363.496 7.08
   LOCATION L0000015     VOLUME   491643.454 3608355.402 7.12
   LOCATION L0000016     VOLUME   491646.048 3608347.307 7.15
   LOCATION L0000017     VOLUME   491648.642 3608339.213 7.18
   LOCATION L0000018     VOLUME   491651.236 3608331.118 7.22
   LOCATION L0000019     VOLUME   491653.830 3608323.024 7.25
   LOCATION L0000020     VOLUME   491656.424 3608314.929 7.28
   LOCATION L0000021     VOLUME   491659.018 3608306.835 7.32
   LOCATION L0000022     VOLUME   491661.612 3608298.740 7.35
   LOCATION L0000023     VOLUME   491664.206 3608290.646 7.38
   LOCATION L0000024     VOLUME   491666.800 3608282.551 7.42
   LOCATION L0000025     VOLUME   491674.376 3608284.443 7.51
   LOCATION L0000026     VOLUME   491682.403 3608287.238 7.62
   LOCATION L0000027     VOLUME   491690.431 3608290.033 7.72
   LOCATION L0000028     VOLUME   491698.458 3608292.828 7.82
   LOCATION L0000029     VOLUME   491706.485 3608295.623 7.92
   LOCATION L0000030     VOLUME   491714.513 3608298.418 8.03
   LOCATION L0000031     VOLUME   491722.540 3608301.213 8.13
   LOCATION L0000032     VOLUME   491730.567 3608304.008 8.23
   LOCATION L0000033     VOLUME   491738.595 3608306.803 8.34
   LOCATION L0000034     VOLUME   491746.622 3608309.598 8.44
   LOCATION L0000035     VOLUME   491754.649 3608312.393 8.54
   LOCATION L0000036     VOLUME   491762.677 3608315.188 8.64
   LOCATION L0000037     VOLUME   491770.704 3608317.983 8.75
   LOCATION L0000038     VOLUME   491778.731 3608320.778 8.85
   LOCATION L0000039     VOLUME   491786.759 3608323.573 8.95
   LOCATION L0000040     VOLUME   491794.786 3608326.368 9.05
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
```

```
   SRCPARAM PAREA1             1.0     5.000        10
   AREAVERT PAREA1       491858.590 3608344.807 491792.479 3608541.498
   AREAVERT PAREA1       491669.950 3608504.740 491682.203 3608467.981
   AREAVERT PAREA1       491670.563 3608449.602 491666.887 3608428.772
   AREAVERT PAREA1       491666.274 3608404.266 491668.725 3608385.887
   AREAVERT PAREA1       491718.978 3608400.363 491749.155 3608306.700
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001         0.025      3.11      3.95      1.45
   SRCPARAM L0000002         0.025      3.11      3.95      1.45
   SRCPARAM L0000003         0.025      3.11      3.95      1.45
   SRCPARAM L0000004         0.025      3.11      3.95      1.45
   SRCPARAM L0000005         0.025      3.11      3.95      1.45
   SRCPARAM L0000006         0.025      3.11      3.95      1.45
   SRCPARAM L0000007         0.025      3.11      3.95      1.45
   SRCPARAM L0000008         0.025      3.11      3.95      1.45
   SRCPARAM L0000009         0.025      3.11      3.95      1.45
   SRCPARAM L0000010         0.025      3.11      3.95      1.45
   SRCPARAM L0000011         0.025      3.11      3.95      1.45
   SRCPARAM L0000012         0.025      3.11      3.95      1.45
   SRCPARAM L0000013         0.025      3.11      3.95      1.45
   SRCPARAM L0000014         0.025      3.11      3.95      1.45
   SRCPARAM L0000015         0.025      3.11      3.95      1.45
   SRCPARAM L0000016         0.025      3.11      3.95      1.45
   SRCPARAM L0000017         0.025      3.11      3.95      1.45
   SRCPARAM L0000018         0.025      3.11      3.95      1.45
   SRCPARAM L0000019         0.025      3.11      3.95      1.45
   SRCPARAM L0000020         0.025      3.11      3.95      1.45
   SRCPARAM L0000021         0.025      3.11      3.95      1.45
   SRCPARAM L0000022         0.025      3.11      3.95      1.45
   SRCPARAM L0000023         0.025      3.11      3.95      1.45
   SRCPARAM L0000024         0.025      3.11      3.95      1.45
   SRCPARAM L0000025         0.025      3.11      3.95      1.45
   SRCPARAM L0000026         0.025      3.11      3.95      1.45
   SRCPARAM L0000027         0.025      3.11      3.95      1.45
   SRCPARAM L0000028         0.025      3.11      3.95      1.45
   SRCPARAM L0000029         0.025      3.11      3.95      1.45
   SRCPARAM L0000030         0.025      3.11      3.95      1.45
   SRCPARAM L0000031         0.025      3.11      3.95      1.45
   SRCPARAM L0000032         0.025      3.11      3.95      1.45
   SRCPARAM L0000033         0.025      3.11      3.95      1.45
   SRCPARAM L0000034         0.025      3.11      3.95      1.45
   SRCPARAM L0000035         0.025      3.11      3.95      1.45
   SRCPARAM L0000036         0.025      3.11      3.95      1.45
   SRCPARAM L0000037         0.025      3.11      3.95      1.45
   SRCPARAM L0000038         0.025      3.11      3.95      1.45
   SRCPARAM L0000039         0.025      3.11      3.95      1.45
   SRCPARAM L0000040         0.025      3.11      3.95      1.45
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   URBANSRC PAREA1
   URBANSRC L0000001
   URBANSRC L0000002
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   URBANSRC L0000003
   URBANSRC L0000004
   URBANSRC L0000005
   URBANSRC L0000006
   URBANSRC L0000007
   URBANSRC L0000008
   URBANSRC L0000009
   URBANSRC L0000010
   URBANSRC L0000011
   URBANSRC L0000012
   URBANSRC L0000013
   URBANSRC L0000014
   URBANSRC L0000015
   URBANSRC L0000016
   URBANSRC L0000017
   URBANSRC L0000018
   URBANSRC L0000019
   URBANSRC L0000020
   URBANSRC L0000021
   URBANSRC L0000022
   URBANSRC L0000023
   URBANSRC L0000024
   URBANSRC L0000025
   URBANSRC L0000026
   URBANSRC L0000027
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   URBANSRC L0000034
   URBANSRC L0000035
   URBANSRC L0000036
   URBANSRC L0000037
   URBANSRC L0000038
   URBANSRC L0000039
   URBANSRC L0000040

** 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:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   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
   EMISFACT L0000003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000008     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000009     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000011     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000013     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000014     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000015     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000021     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000025     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000038     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000040     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000040     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
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "construction HRA.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE ..\722904\722904.SFC
```

```
   PROFFILE ..\722904\722904.PFL
   SURFDATA 3178 2009
   UAIRDATA 3190 2009
   PROFBASE 157.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "construction HRA.AD\AN00GALL.PLT" 31
   PLOTFILE ANNUAL AREA "construction HRA.AD\AN00G001.PLT" 32
   PLOTFILE ANNUAL LINE "construction HRA.AD\AN00G002.PLT" 33
   SUMMFILE "construction HRA.sum"
OU FINISHED

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


 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

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

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

 **Model Uses URBAN Dispersion Algorithm for the SBL for    41
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =    100000.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
```

2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

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

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 41 Source(s); 3 Source Group(s); and 389 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 40 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 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) = 157.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

```
 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

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

 **Detailed Error/Message File:   construction HRA.err
 **File for Summary of Results:   construction HRA.sum

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                                      *** VOLUME SOURCE
DATA ***

               NUMBER EMISSION RATE                      BASE    RELEASE
INIT.    INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT
SY       SZ     SOURCE  SCALAR VARY
     ID          CATS.               (METERS) (METERS) (METERS) (METERS)
(METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -

 L0000001         0   0.25000E-01  491586.7 3608424.9     6.4     3.11
3.95     1.45     YES   HRDOW
 L0000002         0   0.25000E-01  491594.6 3608428.1     6.5     3.11
3.95     1.45     YES   HRDOW
 L0000003         0   0.25000E-01  491602.5 3608431.4     6.6     3.11
3.95     1.45     YES   HRDOW
 L0000004         0   0.25000E-01  491610.3 3608434.6     6.7     3.11
3.95     1.45     YES   HRDOW
 L0000005         0   0.25000E-01  491617.5 3608436.3     6.8     3.11
3.95     1.45     YES   HRDOW
 L0000006         0   0.25000E-01  491620.1 3608428.3     6.8     3.11
3.95     1.45     YES   HRDOW
 L0000007         0   0.25000E-01  491622.7 3608420.2     6.8     3.11
3.95     1.45     YES   HRDOW
 L0000008         0   0.25000E-01  491625.3 3608412.1     6.9     3.11
3.95     1.45     YES   HRDOW
 L0000009         0   0.25000E-01  491627.9 3608404.0     6.9     3.11
3.95     1.45     YES   HRDOW
 L0000010         0   0.25000E-01  491630.5 3608395.9     7.0     3.11
3.95     1.45     YES   HRDOW
 L0000011         0   0.25000E-01  491633.1 3608387.8     7.0     3.11
3.95     1.45     YES   HRDOW
```

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 L0000012         0   0.25000E-01  491635.7 3608379.7     7.0     3.11
3.95     1.45     YES   HRDOW
 L0000013         0   0.25000E-01  491638.3 3608371.6     7.0     3.11
3.95     1.45     YES   HRDOW
 L0000014         0   0.25000E-01  491640.9 3608363.5     7.1     3.11
3.95     1.45     YES   HRDOW
 L0000015         0   0.25000E-01  491643.5 3608355.4     7.1     3.11
3.95     1.45     YES   HRDOW
 L0000016         0   0.25000E-01  491646.0 3608347.3     7.1     3.11
3.95     1.45     YES   HRDOW
 L0000017         0   0.25000E-01  491648.6 3608339.2     7.2     3.11
3.95     1.45     YES   HRDOW
 L0000018         0   0.25000E-01  491651.2 3608331.1     7.2     3.11
3.95     1.45     YES   HRDOW
 L0000019         0   0.25000E-01  491653.8 3608323.0     7.2     3.11
3.95     1.45     YES   HRDOW
 L0000020         0   0.25000E-01  491656.4 3608314.9     7.3     3.11
3.95     1.45     YES   HRDOW
 L0000021         0   0.25000E-01  491659.0 3608306.8     7.3     3.11
3.95     1.45     YES   HRDOW
 L0000022         0   0.25000E-01  491661.6 3608298.7     7.3     3.11
3.95     1.45     YES   HRDOW
 L0000023         0   0.25000E-01  491664.2 3608290.6     7.4     3.11
3.95     1.45     YES   HRDOW
 L0000024         0   0.25000E-01  491666.8 3608282.6     7.4     3.11
3.95     1.45     YES   HRDOW
 L0000025         0   0.25000E-01  491674.4 3608284.4     7.5     3.11
3.95     1.45     YES   HRDOW
 L0000026         0   0.25000E-01  491682.4 3608287.2     7.6     3.11
3.95     1.45     YES   HRDOW
 L0000027         0   0.25000E-01  491690.4 3608290.0     7.7     3.11
3.95     1.45     YES   HRDOW
 L0000028         0   0.25000E-01  491698.5 3608292.8     7.8     3.11
3.95     1.45     YES   HRDOW
 L0000029         0   0.25000E-01  491706.5 3608295.6     7.9     3.11
3.95     1.45     YES   HRDOW
 L0000030         0   0.25000E-01  491714.5 3608298.4     8.0     3.11
3.95     1.45     YES   HRDOW
 L0000031         0   0.25000E-01  491722.5 3608301.2     8.1     3.11
3.95     1.45     YES   HRDOW
 L0000032         0   0.25000E-01  491730.6 3608304.0     8.2     3.11
3.95     1.45     YES   HRDOW
 L0000033         0   0.25000E-01  491738.6 3608306.8     8.3     3.11
3.95     1.45     YES   HRDOW
 L0000034         0   0.25000E-01  491746.6 3608309.6     8.4     3.11
3.95     1.45     YES   HRDOW
 L0000035         0   0.25000E-01  491754.6 3608312.4     8.5     3.11
3.95     1.45     YES   HRDOW
 L0000036         0   0.25000E-01  491762.7 3608315.2     8.6     3.11
3.95     1.45     YES   HRDOW
 L0000037         0   0.25000E-01  491770.7 3608318.0     8.8     3.11
3.95     1.45     YES   HRDOW
```

*** AREAPOLY SOURCE DATA ***

RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE ID	EMISSION RATE SCALAR VARY BY
SOURCE ID	PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	X (METERS)	Y (METERS)
PAREA1	0	0.10000E+01	491858.6	3608344.8
10	0.00	YES	HRDOW	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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    ,

  ALL        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    ,
L0000028    , L0000029    , L0000030    , L0000031    ,

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

             L0000040    ,

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


               100000.   PAREA1      , L0000001    , L0000002    ,
L0000003    , L0000004    , L0000005    , L0000006    ,
 L0000007    ,

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                   * 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

                    * 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

                    * 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
 -
- -

                    * 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

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                                                  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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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* 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
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

* 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
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

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00
13  .0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00
21  .0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
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 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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                    * 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

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 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                    * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
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 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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
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                    * 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

                    * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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
```

* 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

* 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                    * 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

 *** AERMOD - VERSION 18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***   01/02/19
 *** AERMET - VERSION 14134 ***   ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                    * 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

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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
```

* 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
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 URBAN

* 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
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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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
```

                    * 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

                    * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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
```

* 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

* 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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
```

                    * 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

                    * 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

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Moss Street\construction HRA\construc ***   01/02/19
 *** AERMET - VERSION 14134 ***   ***
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                    * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
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 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   * 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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
```

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

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

* 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

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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 491856.9, 3608423.8,       9.9,       9.9,       0.0);
( 491770.8, 3608296.6,       8.8,       8.8,       0.0);
     ( 491786.7, 3608300.4,       9.0,       9.0,       0.0);
( 491777.1, 3608270.6,       8.8,       8.8,       0.0);
     ( 491794.4, 3608275.9,       9.1,       9.1,       0.0);
( 491789.9, 3608254.4,       9.0,       9.0,       0.0);
     ( 491793.9, 3608239.8,       9.0,       9.0,       0.0);
( 491796.5, 3608225.8,       9.1,       9.1,       0.0);
     ( 491799.2, 3608213.2,       9.1,       9.1,       0.0);
( 491804.5, 3608198.5,       9.2,       9.2,       0.0);
     ( 491835.2, 3608317.0,       9.6,       9.6,       0.0);
( 491837.8, 3608303.7,       9.6,       9.6,       0.0);
     ( 491843.8, 3608287.7,       9.7,       9.7,       0.0);
( 491851.1, 3608274.4,       9.8,       9.8,       0.0);
     ( 491863.1, 3608247.2,       9.9,       9.9,       0.0);
( 491867.7, 3608231.5,      10.0,      10.0,       0.0);
     ( 491875.0, 3608218.6,      10.1,      10.1,       0.0);
( 491878.7, 3608195.6,      10.1,      10.1,       0.0);
     ( 491885.2, 3608177.2,      10.2,      10.2,       0.0);
( 491807.8, 3608183.6,       9.2,       9.2,       0.0);
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     ( 491812.4, 3608168.0,       9.3,       9.3,       0.0);
( 491819.8, 3608146.8,       9.4,       9.4,       0.0);
     ( 491840.0, 3608155.1,       9.6,       9.6,       0.0);
( 491868.6, 3608170.7,      10.0,      10.0,       0.0);
     ( 491865.3, 3608414.4,      10.0,      10.0,       0.0);
( 491867.5, 3608403.0,      10.0,      10.0,       0.0);
     ( 491872.0, 3608392.3,      10.0,      10.0,       0.0);
( 491874.9, 3608377.6,      10.1,      10.1,       0.0);
     ( 491886.8, 3608431.9,      10.2,      10.2,       0.0);
( 491890.7, 3608422.3,      10.3,      10.3,       0.0);
     ( 491896.4, 3608409.8,      10.4,      10.4,       0.0);
( 491900.3, 3608397.4,      10.4,      10.4,       0.0);
     ( 491903.7, 3608384.9,      10.5,      10.5,       0.0);
( 491912.8, 3608444.9,      10.6,      10.6,       0.0);
     ( 491917.9, 3608432.5,      10.6,      10.6,       0.0);
( 491921.3, 3608418.9,      10.7,      10.7,       0.0);
     ( 491927.0, 3608408.1,      10.7,      10.7,       0.0);
( 491930.9, 3608396.2,      10.8,      10.8,       0.0);
     ( 491950.7, 3608425.1,      11.1,      11.1,       0.0);
( 491954.1, 3608416.1,      11.1,      11.1,       0.0);
     ( 491959.2, 3608404.7,      11.2,      11.2,       0.0);
( 491984.1, 3608467.6,      11.5,      11.5,       0.0);
     ( 491987.5, 3608454.0,      11.5,      11.5,       0.0);
( 491993.2, 3608442.7,      11.6,      11.6,       0.0);
     ( 491998.3, 3608432.5,      11.7,      11.7,       0.0);
( 492002.2, 3608421.1,      11.7,      11.7,       0.0);
     ( 492012.4, 3608475.5,      11.8,      11.8,       0.0);
( 492015.2, 3608463.6,      11.9,      11.9,       0.0);
     ( 492020.9, 3608451.1,      11.9,      11.9,       0.0);
( 492024.3, 3608441.5,      12.0,      12.0,       0.0);
     ( 492028.2, 3608428.5,      12.0,      12.0,       0.0);
( 492037.3, 3608486.2,      12.2,      12.2,       0.0);
     ( 492042.4, 3608472.1,      12.2,      12.2,       0.0);
( 492046.4, 3608461.3,      12.3,      12.3,       0.0);
     ( 492050.9, 3608450.6,      12.3,      12.3,       0.0);
( 492055.4, 3608440.4,      12.4,      12.4,       0.0);
     ( 492065.6, 3608493.6,      12.5,      12.5,       0.0);
( 492069.0, 3608481.1,      12.6,      12.6,       0.0);
     ( 492075.2, 3608469.3,      12.6,      12.6,       0.0);
( 492078.1, 3608457.4,      12.7,      12.7,       0.0);
     ( 492082.6, 3608446.6,      12.7,      12.7,       0.0);
( 491873.2, 3608334.6,      10.1,      10.1,       0.0);
     ( 491929.8, 3608349.8,      10.8,      10.8,       0.0);
( 491880.0, 3608317.0,      10.1,      10.1,       0.0);
     ( 491893.2, 3608305.3,      10.3,      10.3,       0.0);
( 491889.9, 3608289.3,      10.3,      10.3,       0.0);
     ( 491907.2, 3608277.4,      10.5,      10.5,       0.0);
( 491909.9, 3608246.7,      10.5,      10.5,       0.0);
     ( 491914.5, 3608232.8,      10.6,      10.6,       0.0);
( 491920.5, 3608219.4,      10.7,      10.7,       0.0);
     ( 491923.8, 3608203.5,      10.7,      10.7,       0.0);
( 491922.5, 3608187.5,      10.7,      10.7,       0.0);
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(491933.8, 3608176.2, 10.8, 10.8, 0.0);
(491936.5, 3608332.6, 10.9, 10.9, 0.0);
(491945.8, 3608306.7, 11.0, 11.0, 0.0);
(491948.5, 3608292.0, 11.0, 11.0, 0.0);
(491954.5, 3608266.7, 11.1, 11.1, 0.0);
(491965.8, 3608249.4, 11.2, 11.2, 0.0);
(491959.8, 3608230.8, 11.2, 11.2, 0.0);
(491973.1, 3608219.4, 11.3, 11.3, 0.0);
(491965.1, 3608198.8, 11.2, 11.2, 0.0);
(491987.1, 3608190.1, 11.5, 11.5, 0.0);
(491975.8, 3608366.6, 11.4, 11.4, 0.0);
(491980.5, 3608353.3, 11.4, 11.4, 0.0);
(491988.4, 3608337.3, 11.5, 11.5, 0.0);
(491991.8, 3608319.3, 11.6, 11.6, 0.0);
(492001.1, 3608294.7, 11.7, 11.7, 0.0);
(492006.4, 3608282.0, 11.8, 11.8, 0.0);
(492013.1, 3608266.0, 11.9, 11.9, 0.0);
(492013.1, 3608251.4, 11.9, 11.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(492028.4, 3608241.4, 12.0, 12.0, 0.0);
(492019.1, 3608222.8, 11.9, 11.9, 0.0);
(492045.7, 3608210.8, 12.3, 12.3, 0.0);
(492031.0, 3608385.2, 12.1, 12.1, 0.0);
(492035.7, 3608369.9, 12.1, 12.1, 0.0);
(492027.1, 3608353.3, 12.0, 12.0, 0.0);
(492046.4, 3608340.0, 12.3, 12.3, 0.0);
(492040.4, 3608324.6, 12.2, 12.2, 0.0);
(492057.0, 3608313.3, 12.4, 12.4, 0.0);
(492055.7, 3608297.3, 12.4, 12.4, 0.0);
(492059.0, 3608282.0, 12.4, 12.4, 0.0);
(492069.7, 3608270.0, 12.6, 12.6, 0.0);
(492061.7, 3608253.4, 12.5, 12.5, 0.0);
(492078.3, 3608241.4, 12.7, 12.7, 0.0);
(492079.7, 3608226.8, 12.7, 12.7, 0.0);
(492069.5, 3608395.3, 12.6, 12.6, 0.0);
(492076.2, 3608376.0, 12.7, 12.7, 0.0);
(492085.5, 3608364.0, 12.8, 12.8, 0.0);

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     ( 492102.1, 3608406.6,      13.0,      13.0,       0.0);
( 492129.4, 3608410.6,      13.3,      13.3,       0.0);
     ( 492095.5, 3608352.7,      12.9,      12.9,       0.0);
( 492094.1, 3608336.0,      12.9,      12.9,       0.0);
     ( 492135.4, 3608348.7,      13.4,      13.4,       0.0);
( 492101.5, 3608312.7,      13.0,      13.0,       0.0);
     ( 492120.8, 3608244.1,      13.2,      13.2,       0.0);
( 492106.8, 3608297.4,      13.0,      13.0,       0.0);
     ( 492168.1, 3608256.1,      13.8,      13.8,       0.0);
( 491832.5, 3608107.0,       9.1,       9.1,       0.0);
     ( 491853.8, 3608116.3,       9.5,       9.5,       0.0);
( 491874.4, 3608123.6,       9.8,       9.8,       0.0);
     ( 491899.7, 3608129.0,      10.3,      10.3,       0.0);
( 491836.5, 3608093.0,       9.0,       9.0,       0.0);
     ( 491877.1, 3608106.3,       9.7,       9.7,       0.0);
( 491905.0, 3608119.0,      10.3,      10.3,       0.0);
     ( 491907.7, 3608101.7,      10.2,      10.2,       0.0);
( 491883.7, 3608091.0,       9.7,       9.7,       0.0);
     ( 491848.5, 3608065.0,       8.8,       8.8,       0.0);
( 491853.1, 3608053.1,       8.8,       8.8,       0.0);
     ( 491873.1, 3608063.0,       9.2,       9.2,       0.0);
( 491909.7, 3608072.4,      10.1,      10.1,       0.0);
     ( 491921.0, 3608059.0,      10.4,      10.4,       0.0);
( 491925.7, 3608040.4,      10.3,      10.3,       0.0);
     ( 491856.4, 3608031.8,       8.9,       8.9,       0.0);
( 491867.1, 3608010.4,       9.0,       9.0,       0.0);
     ( 491875.1, 3607976.5,       9.1,       9.1,       0.0);
( 491918.4, 3607991.8,       9.8,       9.8,       0.0);
     ( 491945.0, 3608000.5,      10.4,      10.4,       0.0);
( 491935.1, 3608141.5,      10.8,      10.8,       0.0);
     ( 491960.9, 3608152.6,      11.2,      11.2,       0.0);
( 491988.5, 3608164.6,      11.5,      11.5,       0.0);
     ( 491946.1, 3608114.8,      11.0,      11.0,       0.0);
( 491988.5, 3608129.5,      11.5,      11.5,       0.0);
     ( 492018.0, 3608107.4,      11.9,      11.9,       0.0);
( 491955.4, 3608089.0,      11.1,      11.1,       0.0);
     ( 491963.7, 3608059.5,      11.2,      11.2,       0.0);
( 491984.9, 3608059.5,      11.5,      11.5,       0.0);
     ( 492031.9, 3608066.9,      12.1,      12.1,       0.0);
( 492020.8, 3608040.2,      11.8,      11.8,       0.0);
     ( 491977.5, 3608027.3,      11.1,      11.1,       0.0);
( 491983.9, 3608007.9,      11.0,      11.0,       0.0);
     ( 492044.8, 3608018.0,      11.8,      11.8,       0.0);
( 492048.5, 3608001.4,      11.7,      11.7,       0.0);
     ( 491999.6, 3607989.5,      11.0,      11.0,       0.0);
( 492038.3, 3608171.9,      12.2,      12.2,       0.0);
     ( 492047.5, 3608155.4,      12.3,      12.3,       0.0);
( 492086.2, 3608187.6,      12.8,      12.8,       0.0);
     ( 492095.5, 3608171.0,      12.9,      12.9,       0.0);
( 492054.0, 3608123.1,      12.4,      12.4,       0.0);
     ( 492109.3, 3608145.2,      13.1,      13.1,       0.0);
( 492058.6, 3608100.1,      12.4,      12.4,       0.0);
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     ( 492123.1, 3608113.9,      13.3,      13.3,       0.0);
( 492135.1, 3608094.5,      13.4,      13.4,       0.0);
     ( 492076.1, 3608065.0,      12.7,      12.7,       0.0);
( 492085.3, 3608030.0,      12.5,      12.5,       0.0);
     ( 492139.7, 3608066.0,      13.5,      13.5,       0.0);
( 492139.7, 3608212.5,      13.5,      13.5,       0.0);
     ( 492183.9, 3608227.2,      14.0,      14.0,       0.0);
( 492143.4, 3608192.2,      13.5,      13.5,       0.0);
     ( 492195.0, 3608204.2,      14.2,      14.2,       0.0);
( 492203.3, 3608183.0,      14.3,      14.3,       0.0);
     ( 492151.7, 3608153.5,      13.6,      13.6,       0.0);
( 492197.8, 3608162.7,      14.2,      14.2,       0.0);
     ( 492159.0, 3608135.1,      13.7,      13.7,       0.0);
( 492164.6, 3608118.5,      13.8,      13.8,       0.0);
     ( 492219.9, 3608141.5,      14.5,      14.5,       0.0);
( 492223.5, 3608114.8,      14.5,      14.5,       0.0);
     ( 492231.8, 3608098.2,      14.7,      14.7,       0.0);
( 492170.1, 3608097.3,      13.9,      13.9,       0.0);
     ( 492180.2, 3608077.9,      14.0,      14.0,       0.0);
( 492183.9, 3608055.8,      14.0,      14.0,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 492218.9, 3608068.7,      14.5,      14.5,       0.0);
( 492246.6, 3608230.0,      14.8,      14.8,       0.0);
     ( 492239.2, 3608207.9,      14.7,      14.7,       0.0);
( 492242.0, 3608194.1,      14.8,      14.8,       0.0);
     ( 492246.6, 3608176.6,      14.8,      14.8,       0.0);
( 492257.6, 3608163.6,      15.0,      15.0,       0.0);
     ( 492261.3, 3608145.2,      15.0,      15.0,       0.0);
( 492266.9, 3608124.0,      15.1,      15.1,       0.0);
     ( 492272.4, 3608108.4,      15.2,      15.2,       0.0);
( 492277.9, 3608094.5,      15.2,      15.2,       0.0);
     ( 492285.3, 3608081.6,      15.3,      15.3,       0.0);
( 491685.3, 3608168.3,       7.7,       7.7,       0.0);
     ( 491690.0, 3608145.2,       7.7,       7.7,       0.0);
( 491694.6, 3608131.4,       7.6,       7.6,       0.0);
     ( 491698.2, 3608118.5,       7.5,       7.5,       0.0);
( 491701.0, 3608105.6,       7.4,       7.4,       0.0);
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(491703.8, 3608093.6, 7.3, 7.3, 0.0);
(491707.5, 3608079.8, 7.2, 7.2, 0.0);
(491713.9, 3608070.6, 7.2, 7.2, 0.0);
(491715.8, 3608058.6, 7.1, 7.1, 0.0);
(491720.4, 3608046.6, 7.1, 7.1, 0.0);
(491732.3, 3608014.4, 7.3, 7.3, 0.0);
(491735.1, 3608002.4, 7.3, 7.3, 0.0);
(491735.1, 3607991.3, 7.3, 7.3, 0.0);
(491744.3, 3607980.3, 7.4, 7.4, 0.0);
(491747.1, 3607967.3, 7.5, 7.5, 0.0);
(491755.4, 3607954.4, 7.5, 7.5, 0.0);
(491759.1, 3607939.7, 7.6, 7.6, 0.0);
(491636.5, 3608156.3, 7.0, 7.0, 0.0);
(491618.1, 3608148.9, 6.8, 6.8, 0.0);
(491598.7, 3608143.4, 6.5, 6.5, 0.0);
(491579.4, 3608134.2, 6.1, 6.1, 0.0);
(491565.5, 3608132.3, 6.0, 6.0, 0.0);
(491548.9, 3608123.1, 5.6, 5.6, 0.0);
(491654.0, 3608119.4, 6.9, 6.9, 0.0);
(491663.2, 3608133.2, 7.2, 7.2, 0.0);
(491657.7, 3608106.5, 6.8, 6.8, 0.0);
(491663.2, 3608094.5, 6.8, 6.8, 0.0);
(491674.3, 3608094.5, 6.9, 6.9, 0.0);
(491681.6, 3608086.2, 6.9, 6.9, 0.0);
(491686.3, 3608072.4, 6.8, 6.8, 0.0);
(491663.2, 3608078.9, 6.6, 6.6, 0.0);
(491671.5, 3608072.4, 6.6, 6.6, 0.0);
(491676.1, 3608058.6, 6.6, 6.6, 0.0);
(491678.9, 3608048.4, 6.6, 6.6, 0.0);
(491690.9, 3608054.0, 6.7, 6.7, 0.0);
(491695.5, 3608035.5, 6.8, 6.8, 0.0);
(491701.9, 3608024.5, 6.9, 6.9, 0.0);
(491624.5, 3608121.3, 6.6, 6.6, 0.0);
(491615.3, 3608116.6, 6.4, 6.4, 0.0);
(491603.3, 3608113.0, 6.2, 6.2, 0.0);
(491590.4, 3608107.4, 6.0, 6.0, 0.0);
(491582.1, 3608104.7, 5.9, 5.9, 0.0);
(491567.4, 3608101.9, 5.6, 5.6, 0.0);
(491553.5, 3608094.5, 5.4, 5.4, 0.0);
(491560.0, 3608079.8, 5.3, 5.3, 0.0);
(491572.0, 3608083.5, 5.5, 5.5, 0.0);
(491585.8, 3608088.1, 5.7, 5.7, 0.0);
(491599.6, 3608094.5, 6.0, 6.0, 0.0);
(491614.4, 3608097.3, 6.2, 6.2, 0.0);
(491626.4, 3608102.8, 6.4, 6.4, 0.0);
(491631.0, 3608077.9, 6.2, 6.2, 0.0);
(491613.5, 3608071.5, 5.9, 5.9, 0.0);
(491635.6, 3608062.3, 6.1, 6.1, 0.0);
(491647.6, 3608065.0, 6.3, 6.3, 0.0);
(491568.3, 3608046.6, 5.2, 5.2, 0.0);
(491556.3, 3608038.3, 5.0, 5.0, 0.0);
(491572.9, 3608032.8, 5.2, 5.2, 0.0);

(491594.1, 3608048.4, 5.5, 5.5, 0.0);
(491589.5, 3608035.5, 5.4, 5.4, 0.0);
(491608.8, 3608039.2, 5.7, 5.7, 0.0);
(491612.5, 3608025.4, 5.7, 5.7, 0.0);
(491625.4, 3608040.2, 5.9, 5.9, 0.0);
(491636.5, 3608029.1, 6.0, 6.0, 0.0);
(491654.0, 3608027.3, 6.3, 6.3, 0.0);
(491643.9, 3608011.6, 6.1, 6.1, 0.0);
(491667.8, 3608015.3, 6.4, 6.4, 0.0);
(491689.0, 3607995.0, 6.7, 6.7, 0.0);
(491681.6, 3607976.6, 6.6, 6.6, 0.0);
(491704.7, 3607986.7, 6.9, 6.9, 0.0);
(491713.9, 3607972.0, 7.0, 7.0, 0.0);
(491725.9, 3607958.1, 7.2, 7.2, 0.0);
(491711.1, 3607949.8, 7.0, 7.0, 0.0);
(491729.6, 3607943.4, 7.2, 7.2, 0.0);
(491714.8, 3607935.1, 7.0, 7.0, 0.0);
(491725.0, 3607923.1, 7.2, 7.2, 0.0);
(491737.9, 3607928.6, 7.3, 7.3, 0.0);
(491735.1, 3607910.2, 7.3, 7.3, 0.0);
(491558.2, 3608010.7, 5.0, 5.0, 0.0);
(491579.4, 3607998.7, 5.3, 5.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(491596.0, 3608003.3, 5.5, 5.5, 0.0);
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(491599.6, 3607983.9, 5.6, 5.6, 0.0);
(491623.6, 3607979.3, 5.9, 5.9, 0.0);
(491640.2, 3607983.0, 6.1, 6.1, 0.0);
(491660.5, 3607968.3, 6.3, 6.3, 0.0);
(491659.5, 3607951.7, 6.2, 6.2, 0.0);
(491677.0, 3607950.8, 6.5, 6.5, 0.0);
(491682.6, 3607937.9, 6.5, 6.5, 0.0);
(491670.6, 3607928.6, 6.3, 6.3, 0.0);
(491694.6, 3607921.3, 6.7, 6.7, 0.0);
(491682.6, 3607913.9, 6.4, 6.4, 0.0);
(491682.6, 3607901.9, 6.4, 6.4, 0.0);
(491705.6, 3607902.8, 6.9, 6.9, 0.0);

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(491578.1, 3607959.7, 5.2, 5.2, 0.0);
(491573.4, 3607944.0, 5.0, 5.0, 0.0);
(491600.8, 3607959.7, 5.5, 5.5, 0.0);
(491591.4, 3607944.8, 5.2, 5.2, 0.0);
(491604.0, 3607934.6, 5.3, 5.3, 0.0);
(491615.7, 3607947.9, 5.6, 5.6, 0.0);
(491636.1, 3607933.0, 5.7, 5.7, 0.0);
(491625.1, 3607917.3, 5.4, 5.4, 0.0);
(491644.7, 3607918.9, 5.7, 5.7, 0.0);
(491642.4, 3607897.0, 5.5, 5.5, 0.0);
(491658.0, 3607905.6, 5.9, 5.9, 0.0);
(491665.1, 3607887.6, 5.9, 5.9, 0.0);
(491647.1, 3607883.7, 5.5, 5.5, 0.0);
(491564.8, 3607922.8, 4.7, 4.7, 0.0);
(491587.5, 3607913.4, 4.9, 4.9, 0.0);
(491573.4, 3607903.2, 4.6, 4.6, 0.0);
(491607.1, 3607896.2, 4.9, 4.9, 0.0);
(491604.0, 3607879.0, 4.7, 4.7, 0.0);
(491622.0, 3607877.4, 4.9, 4.9, 0.0);
(491892.2, 3607962.8, 9.3, 9.3, 0.0);
(491944.0, 3607975.3, 10.1, 10.1, 0.0);
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(491546.0, 3608824.6, 5.9, 5.9, 0.0);
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(491534.5, 3608869.2, 5.7, 5.7, 0.0);
(491635.3, 3608725.1, 7.8, 7.8, 0.0);
(491665.9, 3608731.4, 8.2, 8.2, 0.0);
(491654.4, 3608757.0, 7.8, 7.8, 0.0);
(491627.6, 3608748.0, 7.4, 7.4, 0.0);
(491621.2, 3608764.6, 7.1, 7.1, 0.0);
(491651.8, 3608772.3, 7.6, 7.6, 0.0);
(491635.3, 3608823.3, 7.0, 7.0, 0.0);
(491608.5, 3608810.5, 6.7, 6.7, 0.0);
(491603.4, 3608829.7, 6.6, 6.6, 0.0);
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(491622.5, 3608866.7, 6.8, 6.8, 0.0);
(491590.6, 3608859.0, 6.4, 6.4, 0.0);
(491586.8, 3608875.6, 6.4, 6.4, 0.0);
(491617.4, 3608884.5, 6.8, 6.8, 0.0);
(491708.0, 3608753.1, 8.9, 8.9, 0.0);
(491702.9, 3608768.4, 8.8, 8.8, 0.0);
(491696.5, 3608791.4, 8.6, 8.6, 0.0);
(491688.8, 3608805.4, 8.4, 8.4, 0.0);
(491683.7, 3608834.8, 8.3, 8.3, 0.0);
(491674.8, 3608851.4, 8.0, 8.0, 0.0);
(491669.7, 3608874.3, 7.9, 7.9, 0.0);
(491667.1, 3608903.7, 7.8, 7.8, 0.0);

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     ( 491741.1, 3608758.2,       9.4,       9.4,       0.0);
( 491733.5, 3608772.3,       9.3,       9.3,       0.0);
     ( 491727.1, 3608797.8,       9.2,       9.2,       0.0);
( 491720.7, 3608809.3,       9.1,       9.1,       0.0);
     ( 491711.8, 3608833.5,       9.0,       9.0,       0.0);
( 491706.7, 3608855.2,       8.8,       8.8,       0.0);
     ( 491701.6, 3608871.8,       8.7,       8.7,       0.0);
( 491699.0, 3608899.8,       8.7,       8.7,       0.0);
     ( 491778.1, 3608771.0,       9.8,       9.8,       0.0);
( 491773.0, 3608791.4,       9.8,       9.8,       0.0);
     ( 491762.8, 3608811.8,       9.6,       9.6,       0.0);
( 491760.3, 3608828.4,       9.6,       9.6,       0.0);
     ( 491755.2, 3608851.4,       9.5,       9.5,       0.0);
( 491747.5, 3608869.2,       9.4,       9.4,       0.0);
     ( 491738.6, 3608884.5,       9.3,       9.3,       0.0);
( 491738.6, 3608902.4,       9.3,       9.3,       0.0);
     ( 491804.9, 3608781.2,      10.2,      10.2,       0.0);
( 491802.4, 3608806.7,      10.2,      10.2,       0.0);
     ( 491789.6, 3608822.0,      10.0,      10.0,       0.0);
( 491788.3, 3608839.9,      10.0,      10.0,       0.0);
     ( 491774.3, 3608853.9,       9.8,       9.8,       0.0);
( 491778.1, 3608875.6,       9.8,       9.8,       0.0);
     ( 491773.0, 3608892.2,       9.8,       9.8,       0.0);
( 491770.5, 3608916.4,       9.7,       9.7,       0.0);

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

     ( 491848.3, 3608793.9,      10.7,      10.7,       0.0);
( 491845.7, 3608815.6,      10.7,      10.7,       0.0);
     ( 491835.5, 3608834.8,      10.6,      10.6,       0.0);
( 491829.2, 3608859.0,      10.5,      10.5,       0.0);
     ( 491824.1, 3608874.3,      10.4,      10.4,       0.0);
( 491824.1, 3608890.9,      10.4,      10.4,       0.0);
     ( 491820.2, 3608904.9,      10.4,      10.4,       0.0);
( 491819.0, 3608924.1,      10.4,      10.4,       0.0);
     ( 491817.7, 3608940.6,      10.3,      10.3,       0.0);
( 491873.8, 3608822.0,      11.1,      11.1,       0.0);
     ( 491864.9, 3608842.4,      11.0,      11.0,       0.0);
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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	-3.2	0.067	-9.000	-9.000	-999.	41.	8.2	0.05	1.05	1.00	1.76	191.	10.0	281.4	2.0
09	01	01	1	02	-3.3	0.068	-9.000	-9.000	-999.	42.	8.4	0.06	1.05	1.00	1.76	168.	10.0	282.5	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.06	1.05	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	04	-3.3	0.068	-9.000	-9.000	-999.	42.	8.3	0.06	1.05	1.00	1.76	133.	10.0	279.9	2.0
09	01	01	1	05	-15.4	0.274	-9.000	-9.000	-999.	345.	119.1	0.06	1.05	1.00	3.86	143.	10.0	279.2	2.0
09	01	01	1	06	-12.3	0.110	-9.000	-9.000	-999.	113.	9.6	0.06	1.05	1.00	2.86	122.	10.0	279.2	2.0
09	01	01	1	07	-4.6	0.068	-9.000	-9.000	-999.	43.	5.9	0.06	1.05	1.00	1.76	135.	10.0	280.9	2.0
09	01	01	1	08	-3.3	0.063	-9.000	-9.000	-999.	38.	6.7	0.04	1.05	0.49	1.76	103.	10.0	282.0	2.0

```
 09 01 01   1 09   35.2 -9.000 -9.000 -9.000   68. -999. -99999.0
0.06   1.05   0.29    0.00    0.   10.0  285.4    2.0
 09 01 01   1 10   85.4 -9.000 -9.000 -9.000  144. -999. -99999.0
0.06   1.05   0.23    0.00    0.   10.0  287.5    2.0
 09 01 01   1 11  119.2 -9.000 -9.000 -9.000  225. -999. -99999.0
0.06   1.05   0.21    0.00    0.   10.0  288.1    2.0
 09 01 01   1 12  135.4  0.193  1.071  0.009  323.  204.     -4.8
0.06   1.05   0.20    1.76  999.   10.0  289.2    2.0
 09 01 01   1 13  133.4 -9.000 -9.000 -9.000  428. -999. -99999.0
0.06   1.05   0.20    0.00    0.   10.0  290.9    2.0
 09 01 01   1 14  111.9  0.350  1.173  0.007  513.  496.    -33.9
0.12   1.05   0.21    3.36  289.   10.0  289.9    2.0
 09 01 01   1 15   72.9  0.340  1.069  0.007  595.  476.    -47.8
0.12   1.05   0.24    3.36  272.   10.0  288.8    2.0
 09 01 01   1 16   19.2  0.362  0.691  0.007  609.  522.   -219.2
0.12   1.05   0.33    3.86  264.   10.0  286.4    2.0
 09 01 01   1 17  -16.0  0.278 -9.000 -9.000 -999.  355.    118.8
0.12   1.05   0.60    3.36  251.   10.0  284.2    2.0
 09 01 01   1 18  -12.6  0.228 -9.000 -9.000 -999.  262.     83.7
0.12   1.05   1.00    2.86  287.   10.0  284.2    2.0
 09 01 01   1 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0
0.06   1.05   1.00    0.00    0.   10.0  283.8    2.0
 09 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0
0.06   1.05   1.00    0.00    0.   10.0  283.1    2.0
 09 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0
0.06   1.05   1.00    0.00    0.   10.0  282.5    2.0
 09 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0
0.06   1.05   1.00    0.00    0.   10.0  282.5    2.0
 09 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0
0.06   1.05   1.00    0.00    0.   10.0  282.5    2.0
 09 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0
0.06   1.05   1.00    0.00    0.   10.0  282.5    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  191.    1.76   281.5   99.0  -99.00  -99.00

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

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 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** 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
491856.94	3608423.76	631633.59176	491770.82	3608296.56	83768.45212
491786.69	3608300.40	169029.11963	491777.07	3608270.58	37629.84601
491794.39	3608275.87	71537.09153	491789.88	3608254.44	30952.91267
491793.88	3608239.79	22440.86907	491796.54	3608225.81	16889.37505
491799.20	3608213.16	13520.08898	491804.53	3608198.51	11109.97723
491835.16	3608317.03	396533.58882	491837.82	3608303.71	271820.14175
491843.81	3608287.73	172647.90466	491851.14	3608274.41	123009.12030
491863.07	3608247.22	66875.79104	491867.68	3608231.55	48552.36905
491875.05	3608218.65	39141.41920	491878.74	3608195.61	25762.88386
491885.19	3608177.18	19590.41940	491807.78	3608183.63	8991.73281
491812.39	3608167.97	7461.70142	491819.76	3608146.77	6015.00085
491840.03	3608155.06	8586.85941	491868.60	3608170.73	15061.64567
491865.26	3608414.36	589528.95131	491867.52	3608403.04	603276.50207
491872.05	3608392.29	591456.40738	491874.88	3608377.58	597304.65851
491886.76	3608431.91	388718.88859	491890.73	3608422.29	390103.98925
491896.39	3608409.84	385911.68771	491900.35	3608397.38	386378.60601
491903.74	3608384.93	384883.24246	491912.80	3608444.92	257671.82210
491917.89	3608432.47	263360.57122	491921.29	3608418.89	272794.73259
491926.95	3608408.14	268804.53080	491930.91	3608396.25	268530.53841
491950.72	3608425.12	194646.63092	491954.11	3608416.06	196618.63073

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         491959.21    3608404.74   195737.54488
491984.11    3608467.56   110109.85267
         491987.50    3608453.98   118307.14770
491993.16    3608442.66   121481.48340
         491998.26    3608432.47   123421.61863
492002.22    3608421.15   126246.52006
         492012.41    3608475.49    83621.49564
492015.24    3608463.60    89538.12932
         492020.90    3608451.15    93343.85437
492024.29    3608441.53    96373.73261
         492028.25    3608428.51   100102.75588
492037.31    3608486.24    64997.07485
         492042.40    3608472.09    70003.93619
492046.36    3608461.34    73396.40947
         492050.89    3608450.58    76111.04301
492055.42    3608440.40    78120.56521
         492065.61    3608493.60    51730.61634
492069.00    3608481.15    55673.63012
         492075.23    3608469.26    58198.33458
492078.06    3608457.38    61580.37877
         492082.59    3608446.62    63614.62687
491873.18    3608334.56   510026.43933
         491929.78    3608349.84   275582.96143
491879.97    3608317.02   336657.72046
         491893.22    3608305.33   244539.09438
491889.89    3608289.35   180966.32932
         491907.21    3608277.37   138377.95979
491909.87    3608246.74    79154.74331
         491914.53    3608232.76    62103.64315
491920.52    3608219.44    50060.99609
         491923.85    3608203.46    38703.05250
491922.52    3608187.48    29639.67512
         491933.84    3608176.16    26152.75972
491936.50    3608332.63   234523.57316
         491945.82    3608306.66   173169.86338
491948.49    3608292.02   145064.06973
         491954.48    3608266.71   103224.58351
491965.80    3608249.40    80108.96105
         491959.81    3608230.76    62686.59318
491973.12    3608219.44    53627.38352

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 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** 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
491965.13	3608198.80	40196.10183	491987.11	3608190.14	36888.98902
491975.79	3608366.59	178873.49839	491980.45	3608353.27	169371.47635
491988.44	3608337.29	152041.20741	491991.77	3608319.32	136973.15222
492001.09	3608294.68	110325.69047	492006.41	3608282.03	97363.99563
492013.07	3608266.05	82663.15720	492013.07	3608251.40	72289.32148
492028.39	3608241.41	62887.85268	492019.07	3608222.77	53476.99655
492045.70	3608210.78	45452.49661	492031.05	3608385.23	112727.50057
492035.71	3608369.92	110781.35203	492027.06	3608353.27	117475.21497
492046.36	3608339.96	100944.50205	492040.37	3608324.64	101087.03584
492057.02	3608313.32	87983.27103	492055.69	3608297.34	82983.20924
492059.02	3608282.03	75410.62761	492069.67	3608270.04	67070.83152
492061.68	3608253.40	62148.13063	492078.32	3608241.41	53934.29894
492079.66	3608226.76	48297.83936	492069.51	3608395.30	84466.80709
492076.17	3608375.99	83704.79149	492085.49	3608364.01	79670.90896
492102.14	3608406.62	66659.39687	492129.44	3608410.61	56135.98193
492095.48	3608352.69	75074.61459	492094.15	3608336.04	74769.00478
492135.43	3608348.69	59822.02770	492101.47	3608312.74	68685.98252
492120.78	3608244.15	47515.56367	492106.80	3608297.42	63920.32042
492168.06	3608256.14	42321.71042	491832.47	3608106.99	4180.27461

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         491853.78    3608116.31     5792.22388
491874.42    3608123.64     7782.89246
         491899.72    3608128.96    10460.46231
491836.47    3608093.01     3710.77936
         491877.09    3608106.33     6350.14878
491905.05    3608118.98     9510.66100
         491907.71    3608101.66     7734.16153
491883.74    3608091.01     5569.59303
         491848.45    3608065.04     3079.74148
491853.12    3608053.06     2845.00857
         491873.09    3608063.05     3716.66742
491909.71    3608072.37     5512.02895
         491921.03    3608059.05     5157.77157
491925.69    3608040.41     4365.67123
         491856.44    3608031.75     2391.11038
491867.10    3608010.44     2147.01462
         491875.09    3607976.49     1718.34971
491918.37    3607991.80     2607.50294
         491945.00    3608000.46     3347.42556
491935.09    3608141.53    15811.72963
         491960.90    3608152.59    20885.93528
491988.54    3608164.57    26680.53337
         491946.15    3608114.81    11726.33360
491988.54    3608129.55    17191.33706
         492018.04    3608107.44    14609.94337
491955.37    3608089.00     8955.75981
         491963.66    3608059.51     6685.43509
491984.86    3608059.51     7477.34499
         492031.86    3608066.89     9871.96109
492020.80    3608040.16     7216.79234
         491977.49    3608027.26     5172.79373
491983.94    3608007.90     4445.64427
         492044.76    3608018.04     6426.81543
492048.45    3608001.45     5605.04851
         491999.60    3607989.47     4066.56556
492038.31    3608171.95    30870.00280
         492047.53    3608155.36    26046.82328
492086.23    3608187.61    34800.01113
         492095.45    3608171.03    29921.10786
492053.98    3608123.10    18782.21306
         492109.27    3608145.22    23826.16581
492058.59    3608100.06    14968.14869

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** 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
492123.10	3608113.89	18276.37331	492135.08	3608094.53	15629.64783
492076.10	3608065.04	11034.36032	492085.31	3608030.02	8189.43118
492139.69	3608065.96	12391.12724	492139.69	3608212.50	37320.35401
492183.92	3608227.24	35481.27135	492143.37	3608192.22	32542.94347
492194.98	3608204.20	30785.83068	492203.28	3608183.01	27032.74153
492151.67	3608153.52	24592.58173	492197.75	3608162.73	24382.24963
492159.04	3608135.08	21371.48879	492164.57	3608118.49	18861.03342
492219.86	3608141.53	20767.73595	492223.55	3608114.81	17605.82478
492231.84	3608098.22	15772.55758	492170.10	3608097.30	16098.24566
492180.24	3608077.94	13955.35376	492183.92	3608055.83	11864.67278
492218.94	3608068.73	13103.09219	492246.59	3608230.01	29459.61125
492239.22	3608207.89	27744.96499	492241.98	3608194.07	25986.19077
492246.59	3608176.56	23745.69812	492257.65	3608163.65	21811.33647
492261.34	3608145.22	19794.15036	492266.87	3608124.02	17592.10804
492272.39	3608108.36	16065.59041	492277.92	3608094.53	14809.70621
492285.30	3608081.63	13701.00363	491685.34	3608168.26	1905.17550
491689.95	3608145.22	1616.14261	491694.56	3608131.40	1490.70102
491698.24	3608118.49	1381.51988	491701.01	3608105.59	1277.01571

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         491703.77    3608093.61     1191.86472
491707.46    3608079.79     1107.71380
         491713.91    3608070.57     1083.94065
491715.75    3608058.59     1012.41747
         491720.36    3608046.61      964.20218
491732.34    3608014.36      849.87505
         491735.11    3608002.37      804.64468
491735.11    3607991.32      754.55705
         491744.32    3607980.26      748.06203
491747.09    3607967.35      707.05832
         491755.38    3607954.45      690.71910
491759.07    3607939.71      651.23376
         491636.50    3608156.28     1317.55011
491618.06    3608148.91     1155.56399
         491598.71    3608143.38     1035.22776
491579.36    3608134.16      915.03025
         491565.53    3608132.32      865.75646
491548.94    3608123.10      781.22765
         491654.01    3608119.42     1093.05063
491663.22    3608133.24     1261.55124
         491657.69    3608106.51     1016.55434
491663.22    3608094.53      961.66580
         491674.28    3608094.53     1013.91396
491681.65    3608086.24      996.05117
         491686.26    3608072.42      932.10878
491663.22    3608078.87      868.71747
         491671.52    3608072.42      865.98489
491676.12    3608058.59      812.08348
         491678.89    3608048.45      773.86256
491690.87    3608053.98      850.17689
         491695.48    3608035.55      779.20615
491701.93    3608024.49      755.88226
         491624.52    3608121.26      982.59795
491615.30    3608116.65      923.03046
         491603.32    3608112.97      867.25904
491590.42    3608107.44      806.51646
         491582.12    3608104.67      774.91834
491567.38    3608101.91      732.68088
         491553.55    3608094.53      678.74608
491560.00    3608079.79      637.30235
         491571.98    3608083.47      669.15600
491585.81    3608088.08      711.15424
         491599.63    3608094.53      766.78998
491614.38    3608097.30      814.84300

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Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** 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
491626.36	3608102.83	877.45895	491630.97	3608077.94	763.46400
491613.46	3608071.49	696.20751	491635.57	3608062.28	706.00578
491647.56	3608065.04	748.59786	491568.30	3608046.61	544.90445
491556.32	3608038.32	510.16707	491572.91	3608032.79	512.18472
491594.10	3608048.45	581.94028	491589.49	3608035.55	537.61888
491608.85	3608039.24	573.67335	491612.53	3608025.41	537.63520
491625.44	3608040.16	603.03153	491636.50	3608029.10	586.77690
491654.01	3608027.26	616.81819	491643.87	3608011.59	547.07422
491667.83	3608015.28	609.90493	491689.03	3607995.00	601.27188
491681.65	3607976.57	528.80566	491704.69	3607986.71	621.67149
491713.91	3607971.96	603.37593	491725.89	3607958.14	598.23444
491711.15	3607949.84	531.94139	491729.58	3607943.39	565.80717
491714.83	3607935.10	504.23390	491724.97	3607923.12	500.55027
491737.87	3607928.65	548.86938	491735.11	3607910.22	495.12574
491558.16	3608010.67	446.76664	491579.36	3607998.69	437.37975
491595.95	3608003.30	462.03995	491613.46	3607995.92	463.12885
491599.63	3607983.94	423.43448	491623.59	3607979.33	437.88119
491640.18	3607983.02	467.47351	491660.46	3607968.28	466.12239

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         491659.54    3607951.69      429.57667
491677.05    3607950.77      457.63343
         491682.58    3607937.86      441.04738
491670.60    3607928.65      403.26628
         491694.56    3607921.27      430.62047
491682.58    3607913.90      396.28580
         491682.58    3607901.92      376.39613
491705.62    3607902.84      416.61693
         491561.62    3607964.09      361.52381
491578.12    3607959.66      363.39121
         491573.42    3607943.99      336.42249
491600.84    3607959.66      378.65901
         491591.44    3607944.77      347.74317
491603.97    3607934.59      340.58815
         491615.72    3607947.91      370.81638
491636.09    3607933.02      366.04732
         491625.12    3607917.35      332.03167
491644.71    3607918.92      353.35695
         491642.36    3607896.99      320.10969
491658.03    3607905.60      348.86545
         491665.08    3607887.59      331.99941
491647.06    3607883.67      307.77096
         491564.80    3607922.84      303.48270
491587.52    3607913.44      301.75849
         491573.42    3607903.25      283.10730
491607.11    3607896.20      291.63159
         491603.97    3607878.97      270.49998
491621.99    3607877.40      279.96461
         491892.25    3607962.79     1729.53705
491943.96    3607975.32     2655.68093
         491586.79    3608712.31     8409.91149
491579.14    3608732.72     7291.76171
         491579.14    3608751.86     6533.01950
491563.83    3608778.64     5465.98803
         491558.73    3608797.78     4905.57279
491545.97    3608824.57     4212.34249
         491543.42    3608838.60     3929.01444
491534.49    3608869.21     3382.56676
         491635.26    3608725.07     8556.30300
491665.88    3608731.45     8360.83188
         491654.40    3608756.96     6906.22993
491627.61    3608748.03     7224.74672
         491621.23    3608764.61     6439.38955
491651.85    3608772.27     6214.64483

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Moss Street\construction HRA\construc ***        01/02/19
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***        12:24:57

PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN
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*** 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
491635.26	3608823.29	4517.60807	491608.48	3608810.54	4835.62481
491603.37	3608829.67	4336.69451	491627.61	3608838.60	4143.13594
491622.51	3608866.66	3564.66602	491590.62	3608859.01	3701.20145
491586.79	3608875.59	3404.77827	491617.41	3608884.52	3257.20091
491707.97	3608753.13	7153.25801	491702.87	3608768.44	6396.43100
491696.49	3608791.40	5468.59705	491688.84	3608805.43	4998.74356
491683.74	3608834.77	4189.63762	491674.81	3608851.36	3820.01121
491669.71	3608874.32	3379.43532	491667.15	3608903.66	2914.71260
491741.14	3608758.23	6978.56924	491733.49	3608772.27	6281.67673
491727.11	3608797.78	5275.56965	491720.73	3608809.26	4893.44238
491711.80	3608833.50	4219.16689	491706.70	3608855.18	3729.43269
491701.60	3608871.77	3409.51209	491699.05	3608899.83	2955.05305
491778.13	3608770.99	6583.73997	491773.03	3608791.40	5700.18010
491762.83	3608811.81	4952.10555	491760.28	3608828.39	4468.73110
491755.17	3608851.36	3900.00547	491747.52	3608869.21	3518.43567
491738.59	3608884.52	3229.67762	491738.59	3608902.38	2954.26121
491804.92	3608781.20	6318.52159	491802.37	3608806.71	5337.54307
491789.61	3608822.02	4788.76329	491788.34	3608839.87	4305.57852

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         491774.31    3608853.91     3917.08370
491778.13    3608875.59     3499.89081
         491773.03    3608892.17     3197.35500
491770.48    3608916.41     2832.77258
         491848.29    3608793.95     5992.71087
491845.74    3608815.64     5237.45045
         491835.54    3608834.77     4650.58333
491829.16    3608859.01     4039.55505
         491824.06    3608874.32     3704.88695
491824.06    3608890.90     3400.78112
         491820.23    3608904.93     3159.29467
491818.95    3608924.07     2877.04023
         491817.68    3608940.65     2660.42732
491873.81    3608822.02     5086.34504
         491864.88    3608842.43     4525.64689
491859.77    3608864.11     4016.05242
         491855.95    3608878.14     3724.29971
491849.57    3608899.83     3323.74804
         491857.22    3608915.14     3103.21069
491869.98    3608930.44     2913.47447
         491890.39    3608932.99     2909.41727
491915.90    3608818.19     5123.01474
         491914.63    3608838.60     4596.72161
491904.42    3608855.18     4234.93498
         491903.14    3608874.32     3846.14771
491895.49    3608897.28     3438.65333
         491915.90    3608899.83     3397.17383
491936.31    3608902.38     3337.66685
         491952.89    3608910.03     3198.84616
491966.93    3608922.79     3001.95003
         491923.55    3608947.03     2752.86059
491945.24    3608961.06     2590.66041
         491737.31    3608925.34     2646.50014

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
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***        12:24:57

PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                    *** 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    ,  . . .      ,
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*** 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
491856.94	3608423.76	2.71215	491770.82	3608296.56	40.63129
491786.69	3608300.40	37.16311	491777.07	3608270.58	18.63654
491794.39	3608275.87	18.30192	491789.88	3608254.44	11.83867
491793.88	3608239.79	8.50172	491796.54	3608225.81	6.29229
491799.20	3608213.16	4.82803	491804.53	3608198.51	3.60052
491835.16	3608317.03	17.47807	491837.82	3608303.71	16.36569
491843.81	3608287.73	13.10984	491851.14	3608274.41	10.45869
491863.07	3608247.22	6.89013	491867.68	3608231.55	5.50992
491875.05	3608218.65	4.51933	491878.74	3608195.61	3.29514
491885.19	3608177.18	2.54421	491807.78	3608183.63	2.70752
491812.39	3608167.97	2.04387	491819.76	3608146.77	1.44327
491840.03	3608155.06	1.76573	491868.60	3608170.73	2.33746
491865.26	3608414.36	2.83789	491867.52	3608403.04	3.15933
491872.05	3608392.29	3.45016	491874.88	3608377.58	4.03201
491886.76	3608431.91	2.05662	491890.73	3608422.29	2.21408
491896.39	3608409.84	2.42670	491900.35	3608397.38	2.69290
491903.74	3608384.93	3.01035	491912.80	3608444.92	1.56146
491917.89	3608432.47	1.71251	491921.29	3608418.89	1.91468
491926.95	3608408.14	2.05708	491930.91	3608396.25	2.25717
491950.72	3608425.12	1.54420	491954.11	3608416.06	1.64752

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         491959.21    3608404.74        1.77690
491984.11    3608467.56        0.91756
         491987.50    3608453.98        1.01343
491993.16    3608442.66        1.08708
         491998.26    3608432.47        1.15656
492002.22    3608421.15        1.24684
         492012.41    3608475.49        0.77086
492015.24    3608463.60        0.83799
         492020.90    3608451.15        0.90443
492024.29    3608441.53        0.96222
         492028.25    3608428.51        1.04776
492037.31    3608486.24        0.64922
         492042.40    3608472.09        0.70953
492046.36    3608461.34        0.75843
         492050.89    3608450.58        0.80837
492055.42    3608440.40        0.85687
         492065.61    3608493.60        0.56015
492069.00    3608481.15        0.60579
         492075.23    3608469.26        0.64600
492078.06    3608457.38        0.69626
         492082.59    3608446.62        0.73928
491873.18    3608334.56        7.44433
         491929.78    3608349.84        3.59829
491879.97    3608317.02        7.99283
         491893.22    3608305.33        7.09578
491889.89    3608289.35        7.41382
         491907.21    3608277.37        6.01035
491909.87    3608246.74        4.98056
         491914.53    3608232.76        4.32670
491920.52    3608219.44        3.72852
         491923.85    3608203.46        3.15801
491922.52    3608187.48        2.68938
         491933.84    3608176.16        2.31799
491936.50    3608332.63        3.92068
         491945.82    3608306.66        4.13765
491948.49    3608292.02        4.17470
         491954.48    3608266.71        3.92112
491965.80    3608249.40        3.44176
         491959.81    3608230.76        3.27610
491973.12    3608219.44        2.85414

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***        12:24:57

PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: LINE     ***
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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
491965.13	3608198.80	2.57399	491987.11	3608190.14	2.21423
491975.79	3608366.59	2.25235	491980.45	3608353.27	2.42270
491988.44	3608337.29	2.55377	491991.77	3608319.32	2.73973
492001.09	3608294.68	2.77387	492006.41	3608282.03	2.72184
492013.07	3608266.05	2.61058	492013.07	3608251.40	2.56586
492028.39	3608241.41	2.30116	492019.07	3608222.77	2.28757
492045.70	3608210.78	1.92083	492031.05	3608385.23	1.43445
492035.71	3608369.92	1.55699	492027.06	3608353.27	1.81736
492046.36	3608339.96	1.75203	492040.37	3608324.64	1.94963
492057.02	3608313.32	1.84423	492055.69	3608297.34	1.94539
492059.02	3608282.03	1.96082	492069.67	3608270.04	1.86581
492061.68	3608253.40	1.94735	492078.32	3608241.41	1.76457
492079.66	3608226.76	1.71233	492069.51	3608395.30	1.11315
492076.17	3608375.99	1.22143	492085.49	3608364.01	1.25216
492102.14	3608406.62	0.89809	492129.44	3608410.61	0.78540
492095.48	3608352.69	1.26584	492094.15	3608336.04	1.37757

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         492135.43    3608348.69        1.06697
492101.47    3608312.74        1.44695
         492120.78    3608244.15        1.43698
492106.80    3608297.42        1.46755
         492168.06    3608256.14        1.15696
491832.47    3608106.99        0.82048
         491853.78    3608116.31        1.01929
491874.42    3608123.64        1.19844
         491899.72    3608128.96        1.34443
491836.47    3608093.01        0.68642
         491877.09    3608106.33        0.95334
491905.05    3608118.98        1.19114
         491907.71    3608101.66        0.96262
491883.74    3608091.01        0.79462
         491848.45    3608065.04        0.50327
491853.12    3608053.06        0.44410
         491873.09    3608063.05        0.54139
491909.71    3608072.37        0.67690
         491921.03    3608059.05        0.59639
491925.69    3608040.41        0.49036
         491856.44    3608031.75        0.35189
491867.10    3608010.44        0.29200
         491875.09    3607976.49        0.21562
491918.37    3607991.80        0.28963
         491945.00    3608000.46        0.34252
491935.09    3608141.53        1.58326
         491960.90    3608152.59        1.72935
491988.54    3608164.57        1.81216
         491946.15    3608114.81        1.17209
491988.54    3608129.55        1.33436
         492018.04    3608107.44        1.06121
491955.37    3608089.00        0.88806
         491963.66    3608059.51        0.65486
491984.86    3608059.51        0.67462
         492031.86    3608066.89        0.74218
492020.80    3608040.16        0.58284
         491977.49    3608027.26        0.48467
491983.94    3608007.90        0.40747
         492044.76    3608018.04        0.49104
492048.45    3608001.45        0.42857
         491999.60    3607989.47        0.35545
492038.31    3608171.95        1.63629
         492047.53    3608155.36        1.43556
492086.23    3608187.61        1.48031
         492095.45    3608171.03        1.33609
492053.98    3608123.10        1.13753
         492109.27    3608145.22        1.13313
492058.59    3608100.06        0.95426

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                  *** 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
 -
- -
         492123.10   3608113.89   0.92760
492135.08   3608094.53   0.81189
         492076.10   3608065.04   0.72072
492085.31   3608030.02   0.55127
         492139.69   3608065.96   0.68060
492139.69   3608212.50   1.27558
         492183.92   3608227.24   1.08028
492143.37   3608192.22   1.20370
         492194.98   3608204.20   1.01145
492203.28   3608183.01   0.94695
         492151.67   3608153.52   1.03352
492197.75   3608162.73   0.91938
         492159.04   3608135.08   0.93915
492164.57   3608118.49   0.86053
         492219.86   3608141.53   0.80792
492223.55   3608114.81   0.73113
         492231.84   3608098.22   0.67306
492170.10   3608097.30   0.76825
         492180.24   3608077.94   0.68315
492183.92   3608055.83   0.60414
         492218.94   3608068.73   0.60903
492246.59   3608230.01   0.84615
         492239.22   3608207.89   0.86205
492241.98   3608194.07   0.84196

492246.59 3608176.56 0.80800
492257.65 3608163.65 0.76159
492261.34 3608145.22 0.72336
492266.87 3608124.02 0.67343
492272.39 3608108.36 0.63341
492277.92 3608094.53 0.59758
492285.30 3608081.63 0.56237
491685.34 3608168.26 0.95379
491689.95 3608145.22 0.68053
491694.56 3608131.40 0.57313
491698.24 3608118.49 0.49193
491701.01 3608105.59 0.42458
491703.77 3608093.61 0.37342
491707.46 3608079.79 0.32522
491713.91 3608070.57 0.30182
491715.75 3608058.59 0.26913
491720.36 3608046.61 0.24322
491732.34 3608014.36 0.18861
491735.11 3608002.37 0.17194
491735.11 3607991.32 0.15735
491744.32 3607980.26 0.14774
491747.09 3607967.35 0.13494
491755.38 3607954.45 0.12526
491759.07 3607939.71 0.11385
491636.50 3608156.28 0.61405
491618.06 3608148.91 0.50736
491598.71 3608143.38 0.42946
491579.36 3608134.16 0.35221
491565.53 3608132.32 0.32156
491548.94 3608123.10 0.27180
491654.01 3608119.42 0.41940
491663.22 3608133.24 0.51410
491657.69 3608106.51 0.36746
491663.22 3608094.53 0.32912
491674.28 3608094.53 0.34110
491681.65 3608086.24 0.31991
491686.26 3608072.42 0.28186
491663.22 3608078.87 0.28068
491671.52 3608072.42 0.27000
491676.12 3608058.59 0.23991
491678.89 3608048.45 0.22037
491690.87 3608053.98 0.23929
491695.48 3608035.55 0.20522
491701.93 3608024.49 0.18973
491624.52 3608121.26 0.38106
491615.30 3608116.65 0.34920
491603.32 3608112.97 0.31999
491590.42 3608107.44 0.28739
491582.12 3608104.67 0.27053
491567.38 3608101.91 0.24793
491553.55 3608094.53 0.21986
491560.00 3608079.79 0.20076

*** 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
491571.98	3608083.47	0.21644			
491585.81	3608088.08	0.23709			
491599.63	3608094.53	0.26452			
491614.38	3608097.30	0.28675			
491626.36	3608102.83	0.31637			
491630.97	3608077.94	0.25250			
491613.46	3608071.49	0.22558			
491635.57	3608062.28	0.22214			
491647.56	3608065.04	0.23548			
491568.30	3608046.61	0.16037			
491556.32	3608038.32	0.14559			
491572.91	3608032.79	0.14698			
491594.10	3608048.45	0.17577			
491589.49	3608035.55	0.15714			
491608.85	3608039.24	0.17041			
491612.53	3608025.41	0.15465			
491625.44	3608040.16	0.17932			
491636.50	3608029.10	0.16872			
491654.01	3608027.26	0.17328			
491643.87	3608011.59	0.14986			
491667.83	3608015.28	0.16255			
491689.03	3607995.00	0.14560			

```
         491681.65    3607976.57        0.12538
491704.69    3607986.71        0.14150
         491713.91    3607971.96        0.12953
491725.89    3607958.14        0.12042
         491711.15    3607949.84        0.11043
491729.58    3607943.39        0.10966
         491714.83    3607935.10        0.10089
491724.97    3607923.12        0.09521
         491737.87    3607928.65        0.10112
491735.11    3607910.22        0.08948
         491558.16    3608010.67        0.12114
491579.36    3607998.69        0.11796
         491595.95    3608003.30        0.12660
491613.46    3607995.92        0.12513
         491599.63    3607983.94        0.11194
491623.59    3607979.33        0.11409
         491640.18    3607983.02        0.12094
491660.46    3607968.28        0.11369
         491659.54    3607951.69        0.10173
491677.05    3607950.77        0.10432
         491682.58    3607937.86        0.09695
491670.60    3607928.65        0.08970
         491694.56    3607921.27        0.08923
491682.58    3607913.90        0.08368
         491682.58    3607901.92        0.07800
491705.62    3607902.84        0.08134
         491561.62    3607964.09        0.09104
491578.12    3607959.66        0.09175
         491573.42    3607943.99        0.08283
491600.84    3607959.66        0.09601
         491591.44    3607944.77        0.08613
491603.97    3607934.59        0.08299
         491615.72    3607947.91        0.09183
491636.09    3607933.02        0.08695
         491625.12    3607917.35        0.07785
491644.71    3607918.92        0.08111
         491642.36    3607896.99        0.07132
491658.03    3607905.60        0.07669
         491665.08    3607887.59        0.07005
491647.06    3607883.67        0.06677
         491564.80    3607922.84        0.07232
491587.52    3607913.44        0.07149
         491573.42    3607903.25        0.06604
491607.11    3607896.20        0.06721
         491603.97    3607878.97        0.06106
491621.99    3607877.40        0.06223
         491892.25    3607962.79        0.20211
491943.96    3607975.32        0.26865
         491586.79    3608712.31        0.25537
491579.14    3608732.72        0.22345
         491579.14    3608751.86        0.19896
491563.83    3608778.64        0.17032
```

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         491558.73    3608797.78        0.15360
491545.97    3608824.57        0.13396
         491543.42    3608838.60        0.12516
491534.49    3608869.21        0.10868
         491635.26    3608725.07        0.23968
491665.88    3608731.45        0.23355
         491654.40    3608756.96        0.19926
491627.61    3608748.03        0.20756
         491621.23    3608764.61        0.18774
491651.85    3608772.27        0.18240

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         491635.26    3608823.29        0.13801
491608.48    3608810.54        0.14544
         491603.37    3608829.67        0.13187
491627.61    3608838.60        0.12751
         491622.51    3608866.66        0.11155
491590.62    3608859.01        0.11431
         491586.79    3608875.59        0.10597
491617.41    3608884.52        0.10280
         491707.97    3608753.13        0.20753
491702.87    3608768.44        0.18982
         491696.49    3608791.40        0.16695
491688.84    3608805.43        0.15457
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```
         491683.74    3608834.77        0.13298
491674.81    3608851.36        0.12236
         491669.71    3608874.32        0.10986
491667.15    3608903.66        0.09656
         491741.14    3608758.23        0.20192
491733.49    3608772.27        0.18683
         491727.11    3608797.78        0.16283
491720.73    3608809.26        0.15316
         491711.80    3608833.50        0.13521
491706.70    3608855.18        0.12169
         491701.60    3608871.77        0.11253
491699.05    3608899.83        0.09935
         491778.13    3608770.99        0.18625
491773.03    3608791.40        0.16812
         491762.83    3608811.81        0.15217
491760.28    3608828.39        0.14044
         491755.17    3608851.36        0.12606
491747.52    3608869.21        0.11604
         491738.59    3608884.52        0.10809
491738.59    3608902.38        0.10010
         491804.92    3608781.20        0.17405
491802.37    3608806.71        0.15414
         491789.61    3608822.02        0.14421
491788.34    3608839.87        0.13287
         491774.31    3608853.91        0.12485
491778.13    3608875.59        0.11350
         491773.03    3608892.17        0.10568
491770.48    3608916.41        0.09553
         491848.29    3608793.95        0.15787
491845.74    3608815.64        0.14361
         491835.54    3608834.77        0.13316
491829.16    3608859.01        0.12055
         491824.06    3608874.32        0.11337
491824.06    3608890.90        0.10597
         491820.23    3608904.93        0.10030
491818.95    3608924.07        0.09309
         491817.68    3608940.65        0.08740
491873.81    3608822.02        0.13605
         491864.88    3608842.43        0.12605
491859.77    3608864.11        0.11590
         491855.95    3608878.14        0.10990
491849.57    3608899.83        0.10134
         491857.22    3608915.14        0.09528
491869.98    3608930.44        0.08953
         491890.39    3608932.99        0.08770
491915.90    3608818.19        0.13148
         491914.63    3608838.60        0.12148
491904.42    3608855.18        0.11528
         491903.14    3608874.32        0.10735
491895.49    3608897.28        0.09929
         491915.90    3608899.83        0.09661
491936.31    3608902.38        0.09379
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                   *** 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
 -
- -
         491856.94   3608423.76   631636.30391
491770.82   3608296.56   83809.08342
         491786.69   3608300.40   169066.28275
491777.07   3608270.58   37648.48255
         491794.39   3608275.87   71555.39345
491789.88   3608254.44   30964.75134
         491793.88   3608239.79   22449.37079
491796.54   3608225.81   16895.66733
         491799.20   3608213.16   13524.91701
491804.53   3608198.51   11113.57774
         491835.16   3608317.03   396551.06689
491837.82   3608303.71   271836.50744
         491843.81   3608287.73   172661.01451
491851.14   3608274.41   123019.57899
         491863.07   3608247.22   66882.68117
491867.68   3608231.55   48557.87897

491875.05 3608218.65 39145.93853
491878.74 3608195.61 25766.17900
491885.19 3608177.18 19592.96361
491807.78 3608183.63 8994.44033
491812.39 3608167.97 7463.74530
491819.76 3608146.77 6016.44412
491840.03 3608155.06 8588.62514
491868.60 3608170.73 15063.98313
491865.26 3608414.36 589531.78920
491867.52 3608403.04 603279.66140
491872.05 3608392.29 591459.85754
491874.88 3608377.58 597308.69052
491886.76 3608431.91 388720.94521
491890.73 3608422.29 390106.20333
491896.39 3608409.84 385914.11441
491900.35 3608397.38 386381.29891
491903.74 3608384.93 384886.25281
491912.80 3608444.92 257673.38356
491917.89 3608432.47 263362.28374
491921.29 3608418.89 272796.64727
491926.95 3608408.14 268806.58789
491930.91 3608396.25 268532.79558
491950.72 3608425.12 194648.17512
491954.11 3608416.06 196620.27825
491959.21 3608404.74 195739.32179
491984.11 3608467.56 110110.77023
491987.50 3608453.98 118308.16113
491993.16 3608442.66 121482.57048
491998.26 3608432.47 123422.77520
492002.22 3608421.15 126247.76691
492012.41 3608475.49 83622.26650
492015.24 3608463.60 89538.96732
492020.90 3608451.15 93344.75880
492024.29 3608441.53 96374.69483
492028.25 3608428.51 100103.80364
492037.31 3608486.24 64997.72406
492042.40 3608472.09 70004.64572
492046.36 3608461.34 73397.16789
492050.89 3608450.58 76111.85138
492055.42 3608440.40 78121.42208
492065.61 3608493.60 51731.17649
492069.00 3608481.15 55674.23591
492075.23 3608469.26 58198.98059
492078.06 3608457.38 61581.07503
492082.59 3608446.62 63615.36615
491873.18 3608334.56 510033.88366
491929.78 3608349.84 275586.55972
491879.97 3608317.02 336665.71329
491893.22 3608305.33 244546.19016
491889.89 3608289.35 180973.74314
491907.21 3608277.37 138383.97014
491909.87 3608246.74 79159.72387

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                   *** 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
 -
- -
         491965.13   3608198.80   40198.67582
491987.11   3608190.14   36891.20325
         491975.79   3608366.59   178875.75074
491980.45   3608353.27   169373.89905
         491988.44   3608337.29   152043.76118
491991.77   3608319.32   136975.89195
         492001.09   3608294.68   110328.46434
492006.41   3608282.03   97366.71748
         492013.07   3608266.05   82665.76778
492013.07   3608251.40   72291.88734

492028.39 3608241.41 62890.15383
492019.07 3608222.77 53479.28412
492045.70 3608210.78 45454.41744
492031.05 3608385.23 112728.93502
492035.71 3608369.92 110782.90902
492027.06 3608353.27 117477.03234
492046.36 3608339.96 100946.25407
492040.37 3608324.64 101088.98547
492057.02 3608313.32 87985.11526
492055.69 3608297.34 82985.15462
492059.02 3608282.03 75412.58843
492069.67 3608270.04 67072.69733
492061.68 3608253.40 62150.07799
492078.32 3608241.41 53936.06351
492079.66 3608226.76 48299.55169
492069.51 3608395.30 84467.92024
492076.17 3608375.99 83706.01292
492085.49 3608364.01 79672.16112
492102.14 3608406.62 66660.29496
492129.44 3608410.61 56136.76734
492095.48 3608352.69 75075.88043
492094.15 3608336.04 74770.38235
492135.43 3608348.69 59823.09467
492101.47 3608312.74 68687.42947
492120.78 3608244.15 47517.00065
492106.80 3608297.42 63921.78797
492168.06 3608256.14 42322.86737
491832.47 3608106.99 4181.09509
491853.78 3608116.31 5793.24316
491874.42 3608123.64 7784.09090
491899.72 3608128.96 10461.80674
491836.47 3608093.01 3711.46578
491877.09 3608106.33 6351.10212
491905.05 3608118.98 9511.85214
491907.71 3608101.66 7735.12415
491883.74 3608091.01 5570.38765
491848.45 3608065.04 3080.24475
491853.12 3608053.06 2845.45267
491873.09 3608063.05 3717.20881
491909.71 3608072.37 5512.70585
491921.03 3608059.05 5158.36796
491925.69 3608040.41 4366.16159
491856.44 3608031.75 2391.46227
491867.10 3608010.44 2147.30661
491875.09 3607976.49 1718.56533
491918.37 3607991.80 2607.79257
491945.00 3608000.46 3347.76809
491935.09 3608141.53 15813.31289
491960.90 3608152.59 20887.66463
491988.54 3608164.57 26682.34554
491946.15 3608114.81 11727.50569
491988.54 3608129.55 17192.67142

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         492018.04    3608107.44    14611.00458
491955.37    3608089.00     8956.64786
         491963.66    3608059.51     6686.08996
491984.86    3608059.51     7478.01962
         492031.86    3608066.89     9872.70327
492020.80    3608040.16     7217.37518
         491977.49    3608027.26     5173.27840
491983.94    3608007.90     4446.05175
         492044.76    3608018.04     6427.30647
492048.45    3608001.45     5605.47708
         491999.60    3607989.47     4066.92100
492038.31    3608171.95    30871.63909
         492047.53    3608155.36    26048.25884
492086.23    3608187.61    34801.49144
         492095.45    3608171.03    29922.44395
492053.98    3608123.10    18783.35060
         492109.27    3608145.22    23827.29894
492058.59    3608100.06    14969.10295

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         492123.10    3608113.89    18277.30091
492135.08    3608094.53    15630.45971
         492076.10    3608065.04    11035.08104
492085.31    3608030.02     8189.98245
```

492139.69 3608065.96 12391.80784
492139.69 3608212.50 37321.62958
492183.92 3608227.24 35482.35163
492143.37 3608192.22 32544.14717
492194.98 3608204.20 30786.84213
492203.28 3608183.01 27033.68849
492151.67 3608153.52 24593.61525
492197.75 3608162.73 24383.16901
492159.04 3608135.08 21372.42794
492164.57 3608118.49 18861.89395
492219.86 3608141.53 20768.54388
492223.55 3608114.81 17606.55592
492231.84 3608098.22 15773.23064
492170.10 3608097.30 16099.01391
492180.24 3608077.94 13956.03691
492183.92 3608055.83 11865.27692
492218.94 3608068.73 13103.70121
492246.59 3608230.01 29460.45740
492239.22 3608207.89 27745.82704
492241.98 3608194.07 25987.03274
492246.59 3608176.56 23746.50612
492257.65 3608163.65 21812.09806
492261.34 3608145.22 19794.87371
492266.87 3608124.02 17592.78148
492272.39 3608108.36 16066.22381
492277.92 3608094.53 14810.30379
492285.30 3608081.63 13701.56600
491685.34 3608168.26 1906.12929
491689.95 3608145.22 1616.82314
491694.56 3608131.40 1491.27415
491698.24 3608118.49 1382.01181
491701.01 3608105.59 1277.44029
491703.77 3608093.61 1192.23814
491707.46 3608079.79 1108.03902
491713.91 3608070.57 1084.24247
491715.75 3608058.59 1012.68660
491720.36 3608046.61 964.44540
491732.34 3608014.36 850.06367
491735.11 3608002.37 804.81662
491735.11 3607991.32 754.71439
491744.32 3607980.26 748.20978
491747.09 3607967.35 707.19326
491755.38 3607954.45 690.84436
491759.07 3607939.71 651.34761
491636.50 3608156.28 1318.16416
491618.06 3608148.91 1156.07135
491598.71 3608143.38 1035.65722
491579.36 3608134.16 915.38246
491565.53 3608132.32 866.07802
491548.94 3608123.10 781.49945
491654.01 3608119.42 1093.47003
491663.22 3608133.24 1262.06534

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         491657.69    3608106.51     1016.92180
491663.22    3608094.53      961.99492
         491674.28    3608094.53     1014.25506
491681.65    3608086.24      996.37108
         491686.26    3608072.42      932.39063
491663.22    3608078.87      868.99815
         491671.52    3608072.42      866.25488
491676.12    3608058.59      812.32339
         491678.89    3608048.45      774.08293
491690.87    3608053.98      850.41618
         491695.48    3608035.55      779.41138
491701.93    3608024.49      756.07198
         491624.52    3608121.26      982.97901
491615.30    3608116.65      923.37967
         491603.32    3608112.97      867.57903
491590.42    3608107.44      806.80385
         491582.12    3608104.67      775.18887
491567.38    3608101.91      732.92881
         491553.55    3608094.53      678.96594
491560.00    3608079.79      637.50310
         491571.98    3608083.47      669.37245
491585.81    3608088.08      711.39134
         491599.63    3608094.53      767.05450
491614.38    3608097.30      815.12975

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

                   *** 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
```

- -
- -

491626.36	3608102.83	877.77532
491630.97	3608077.94	763.71650
491613.46	3608071.49	696.43309
491635.57	3608062.28	706.22792
491647.56	3608065.04	748.83333
491568.30	3608046.61	545.06482
491556.32	3608038.32	510.31266
491572.91	3608032.79	512.33169
491594.10	3608048.45	582.11605
491589.49	3608035.55	537.77601
491608.85	3608039.24	573.84375
491612.53	3608025.41	537.78985
491625.44	3608040.16	603.21086
491636.50	3608029.10	586.94563
491654.01	3608027.26	616.99146
491643.87	3608011.59	547.22408
491667.83	3608015.28	610.06748
491689.03	3607995.00	601.41748
491681.65	3607976.57	528.93104
491704.69	3607986.71	621.81299
491713.91	3607971.96	603.50546
491725.89	3607958.14	598.35486
491711.15	3607949.84	532.05182
491729.58	3607943.39	565.91683
491714.83	3607935.10	504.33479
491724.97	3607923.12	500.64548
491737.87	3607928.65	548.97049
491735.11	3607910.22	495.21522
491558.16	3608010.67	446.88778
491579.36	3607998.69	437.49771
491595.95	3608003.30	462.16654
491613.46	3607995.92	463.25397
491599.63	3607983.94	423.54642
491623.59	3607979.33	437.99528
491640.18	3607983.02	467.59445
491660.46	3607968.28	466.23608
491659.54	3607951.69	429.67840
491677.05	3607950.77	457.73775
491682.58	3607937.86	441.14433
491670.60	3607928.65	403.35598
491694.56	3607921.27	430.70970
491682.58	3607913.90	396.36947
491682.58	3607901.92	376.47413
491705.62	3607902.84	416.69828
491561.62	3607964.09	361.61485
491578.12	3607959.66	363.48296
491573.42	3607943.99	336.50532
491600.84	3607959.66	378.75502
491591.44	3607944.77	347.82930
491603.97	3607934.59	340.67114

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         491615.72    3607947.91      370.90821
491636.09    3607933.02      366.13426
         491625.12    3607917.35      332.10952
491644.71    3607918.92      353.43806
         491642.36    3607896.99      320.18101
491658.03    3607905.60      348.94215
         491665.08    3607887.59      332.06947
491647.06    3607883.67      307.83773
         491564.80    3607922.84      303.55502
491587.52    3607913.44      301.82998
         491573.42    3607903.25      283.17335
491607.11    3607896.20      291.69880
         491603.97    3607878.97      270.56103
491621.99    3607877.40      280.02684
         491892.25    3607962.79     1729.73916
491943.96    3607975.32     2655.94958
         491586.79    3608712.31     8410.16686
491579.14    3608732.72     7291.98516
         491579.14    3608751.86     6533.21845
491563.83    3608778.64     5466.15835
         491558.73    3608797.78     4905.72639
491545.97    3608824.57     4212.47646
         491543.42    3608838.60     3929.13960
491534.49    3608869.21     3382.67544
         491635.26    3608725.07     8556.54267
491665.88    3608731.45     8361.06543
         491654.40    3608756.96     6906.42919
491627.61    3608748.03     7224.95428
         491621.23    3608764.61     6439.57729
491651.85    3608772.27     6214.82723

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
491635.26	3608823.29	4517.74608	491608.48	3608810.54	4835.77024
491603.37	3608829.67	4336.82639	491627.61	3608838.60	4143.26345
491622.51	3608866.66	3564.77757	491590.62	3608859.01	3701.31576
491586.79	3608875.59	3404.88425	491617.41	3608884.52	3257.30371
491707.97	3608753.13	7153.46553	491702.87	3608768.44	6396.62082
491696.49	3608791.40	5468.76399	491688.84	3608805.43	4998.89813
491683.74	3608834.77	4189.77060	491674.81	3608851.36	3820.13358
491669.71	3608874.32	3379.54518	491667.15	3608903.66	2914.80916
491741.14	3608758.23	6978.77116	491733.49	3608772.27	6281.86356
491727.11	3608797.78	5275.73248	491720.73	3608809.26	4893.59553
491711.80	3608833.50	4219.30210	491706.70	3608855.18	3729.55438
491701.60	3608871.77	3409.62462	491699.05	3608899.83	2955.15240
491778.13	3608770.99	6583.92623	491773.03	3608791.40	5700.34822
491762.83	3608811.81	4952.25772	491760.28	3608828.39	4468.87155
491755.17	3608851.36	3900.13152	491747.52	3608869.21	3518.55170
491738.59	3608884.52	3229.78571	491738.59	3608902.38	2954.36131
491804.92	3608781.20	6318.69564	491802.37	3608806.71	5337.69721
491789.61	3608822.02	4788.90750	491788.34	3608839.87	4305.71138
491774.31	3608853.91	3917.20854	491778.13	3608875.59	3500.00431
491773.03	3608892.17	3197.46068	491770.48	3608916.41	2832.86811
491848.29	3608793.95	5992.86875	491845.74	3608815.64	5237.59406
491835.54	3608834.77	4650.71649	491829.16	3608859.01	4039.67560

*** MODELOPTs: RegDFAULT CONC ELEV URBAN

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

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

NETWORK GROUP ID	AVERAGE CONC OF TYPE	GRID-ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
AREA	1ST HIGHEST VALUE IS	631633.59176 AT	(491856.94, 3608423.76, 9.85, 9.85, 0.00) DC
	2ND HIGHEST VALUE IS	603276.50207 AT	(491867.52, 3608403.04, 9.98, 9.98, 0.00) DC

```
          3RD HIGHEST VALUE IS  597304.65851 AT (  491874.88,
3608377.58,    10.08,    10.08,    0.00)  DC
          4TH HIGHEST VALUE IS  591456.40738 AT (  491872.05,
3608392.29,    10.04,    10.04,    0.00)  DC
          5TH HIGHEST VALUE IS  589528.95131 AT (  491865.26,
3608414.36,     9.95,     9.95,    0.00)  DC
          6TH HIGHEST VALUE IS  510026.43933 AT (  491873.18,
3608334.56,    10.06,    10.06,    0.00)  DC
          7TH HIGHEST VALUE IS  396533.58882 AT (  491835.16,
3608317.03,     9.57,     9.57,    0.00)  DC
          8TH HIGHEST VALUE IS  390103.98925 AT (  491890.73,
3608422.29,    10.28,    10.28,    0.00)  DC
          9TH HIGHEST VALUE IS  388718.88859 AT (  491886.76,
3608431.91,    10.23,    10.23,    0.00)  DC
         10TH HIGHEST VALUE IS  386378.60601 AT (  491900.35,
3608397.38,    10.40,    10.40,    0.00)  DC

LINE      1ST HIGHEST VALUE IS      40.63129 AT (  491770.82,
3608296.56,     8.75,     8.75,    0.00)  DC
          2ND HIGHEST VALUE IS      37.16311 AT (  491786.69,
3608300.40,     8.95,     8.95,    0.00)  DC
          3RD HIGHEST VALUE IS      18.63654 AT (  491777.07,
3608270.58,     8.83,     8.83,    0.00)  DC
          4TH HIGHEST VALUE IS      18.30192 AT (  491794.39,
3608275.87,     9.05,     9.05,    0.00)  DC
          5TH HIGHEST VALUE IS      17.47807 AT (  491835.16,
3608317.03,     9.57,     9.57,    0.00)  DC
          6TH HIGHEST VALUE IS      16.36569 AT (  491837.82,
3608303.71,     9.60,     9.60,    0.00)  DC
          7TH HIGHEST VALUE IS      13.10984 AT (  491843.81,
3608287.73,     9.68,     9.68,    0.00)  DC
          8TH HIGHEST VALUE IS      11.83867 AT (  491789.88,
3608254.44,     8.99,     8.99,    0.00)  DC
          9TH HIGHEST VALUE IS      10.45869 AT (  491851.14,
3608274.41,     9.78,     9.78,    0.00)  DC
         10TH HIGHEST VALUE IS       8.50172 AT (  491793.88,
3608239.79,     9.04,     9.04,    0.00)  DC

ALL       1ST HIGHEST VALUE IS  631636.30391 AT (  491856.94,
3608423.76,     9.85,     9.85,    0.00)  DC
          2ND HIGHEST VALUE IS  603279.66140 AT (  491867.52,
3608403.04,     9.98,     9.98,    0.00)  DC
          3RD HIGHEST VALUE IS  597308.69052 AT (  491874.88,
3608377.58,    10.08,    10.08,    0.00)  DC
          4TH HIGHEST VALUE IS  591459.85754 AT (  491872.05,
3608392.29,    10.04,    10.04,    0.00)  DC
          5TH HIGHEST VALUE IS  589531.78920 AT (  491865.26,
3608414.36,     9.95,     9.95,    0.00)  DC
          6TH HIGHEST VALUE IS  510033.88366 AT (  491873.18,
3608334.56,    10.06,    10.06,    0.00)  DC
          7TH HIGHEST VALUE IS  396551.06689 AT (  491835.16,
3608317.03,     9.57,     9.57,    0.00)  DC
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          8TH HIGHEST VALUE IS  390106.20333 AT (  491890.73,
3608422.29,    10.28,    10.28,    0.00)  DC
          9TH HIGHEST VALUE IS  388720.94521 AT (  491886.76,
3608431.91,    10.23,    10.23,    0.00)  DC
         10TH HIGHEST VALUE IS  386381.29891 AT (  491900.35,
3608397.38,    10.40,    10.40,    0.00)  DC


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

 *** AERMOD - VERSION  18081 ***   *** C:\Users\xli\Desktop\3426.0024
Moss Street\construction HRA\construc ***        01/02/19
 *** AERMET - VERSION  14134 ***   ***
***        12:24:57

PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of        16961 Informational Message(s)

 A Total of        43872 Hours Were Processed

 A Total of        13845 Calm Hours Identified

 A Total of         3116 Missing Hours Identified (  7.10 Percent)


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


    ********   WARNING MESSAGES   ********
 MX W430   33748        METQA: Ambient Temperature Data Out-of-Range.
KURDAT =       12110704
 MX W430   33749        METQA: Ambient Temperature Data Out-of-Range.
KURDAT =       12110705
 MX W481   43873         MAIN: Data Remaining After End of Year.
Number of Hours=          48

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

Total Carbon Offsets for the Lifetime of the Project

Operational GHG Emissions

2021 Operations

Moss Street - Unmitigated Construction and 2021 Operations - San Diego County, Annual
Date: 10/23/2019 11:43 AM

Emissions Source	Emissions ($MT CO_2e$)
Area	63
Energy	182
Mobile	1,241
Waste	33
Water	51
Amortized Construction	26
Total Project Emissions [1]	1,595
Existing Emissions	262
Annual Net Project Emissions	1,333
Project Service Population	475
Service Person/Per Capita GHG Efficiency (MT CO2e/SP)	2.81
City's proposed efficiency thresholds-2020 (MT CO2e/SP)	3.08
Exceed Threshold?	**No**

Note:

$MT CO_2e$ = metric tons of carbon dioxide equivalent

[1] Totals may not appear to add exactly due to rounding.

Source of emissions: CalEEMod Output (see Appendix A).

Source of thresholds: SDAQMD, 2013.

2030 Operations

Moss Street 2030 Operations - San Diego County, Annual
Date: 10/23/2019 12:26 PM

Emissions Source	Emissions ($MT CO_2e$)
Area	63
Energy	167
Mobile	961
Waste	33
Water	46
Amortized Construction	26
Total Project Emissions [1]	1,295
Existing Emissions	228
Annual Net Project Emissions	1,067
Project Service Population	475
Service Person/Per Capita GHG Efficiency (MT CO2e/SP)	2.25
City's proposed efficiency thresholds (MT CO2e/SP)	1.30
Exceed Threshold?	**Yes**

Note:

$MT CO_2e$ = metric tons of carbon dioxide equivalent

[1] Totals may not appear to add exactly due to rounding.

Source of emissions: CalEEMod Output (see Appendix A).

Source of thresholds: SDAQMD, 2013.

Operational years until 2030	9	years	
Carbon offsets before 2030	0	MT CO2e	
Carbon offsets per year starting in 2030	450		
Operational years after 2030 (assuming 30 year project life)	21	years	
Carbon offsets after 2030	9,450	MT CO2e	
Total project lifetime carbon offsets	**9,450**	**MT CO2e**	

Annual offsets as reported in IS GHG section:

Carbon offsets per year starting in 2030	450	MT CO2e/year
Operational years after 2030 (assuming 30 year project life)	21	years
Carbon offsets after 2030	9,450	MT CO2e
Total project lifetime carbon offsets	**9,450**	**MT CO2e**