SR-90 Health Risk Assessment
Del Rey Pointe Project
Los Angeles, CA

1 INTRODUCTION

Purpose

This Health Risk Assessment (HRA) evaluates the potential effects of potential toxic air contaminants from State Route 90 (SR-90) on future residents of the proposed Del Rey Pointe project (the "Project") in the City of Los Angeles (**Figure 1, Regional and Project Vicinity Map** and **Figure 2, Aerial View of the Project Site**).

The HRA includes three components: 1) Emissions inventory; 2) Dispersion modeling, and 3) Health risk calculations. Emissions from SR-90 were calculated using traffic data from the California Department of Transportation (Caltrans) Performance Measurement System (PeMS) database and emission factors from the California Air Resources Board (CARB) EMFAC model. Dispersion modeling was performed using the U.S. Environmental Protection Agency (U.S. EPA) AERMOD model with meteorological data from the closest monitoring station (located at Los Angeles International Airport [LAX]) operated by the South Coast Air Quality Management District (SCAQMD). Sensitive receptors used for modeling were assumed at the location of the proposed project. Health risk calculations were performed using the CARB Hotspots Analysis and Reporting Program (HARP), version 2 Risk Assessment Standalone Tool (RAST).

Project Description

The Project is a residential development in the Palms-Mar Vista-Del Rey Community Plan Area of the City of Los Angeles. The Project site consists of three parcels totaling approximately 2.98 acres. The Project involves the construction of 236 residential units adjacent to the SR-90 freeway. As illustrated in **Figure 2**, **Aerial View of the Project Site**, the Project site is located approximately 100 feet to the south of SR-90.

Construction of the Project would be completed in 2020, which is when the HRA assumes operation and habitation of the site would begin.

Existing Air Quality Conditions

The SCAQMD's Multiple Air Toxics Exposure Study (MATES-IV) serves as the air toxics study for the South Coast Air Basin. MATES-IV estimated the cancer risk from toxic air contaminants (TACs) by conducting a comprehensive monitoring program, updated emissions inventory of TACs, and modeling that characterizes health risks for residents in the Basin. The study concluded that the average carcinogenic risk from air pollution is approximately 420 in one million. Mobile sources (e.g., cars, trucks, trains, aircraft) are the greatest contributors. Approximately 75 percent of risk is attributable to diesel particulate emissions, with 20 percent to other toxics associated with mobile sources (e.g., benzene butadiene, formaldehyde), and five percent to stationary sources.

The MATES-IV study included maps that show regional trends in estimated outdoor inhalation cancer risk from toxic emissions. The maps illustrate the number of potential cancers per million persons living a lifetime of breathing (24 hours per day for 70 years). The MATES-IV interactive map is a dynamic tool to depict such risk and illustrates that risk from air toxics can be greater near sources of diesel fuel combustion, such as freeways, airports, and water ports.

FIGURE **1**

Regional and Project Vicinity Map

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feet ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 4000
km ━━━━━━━━━━━━━━━━━━ 1

FIGURE 2

Aerial View of the Project Site

2   REGULATORY SETTING AND SIGNIFICANCE THRESHOLDS
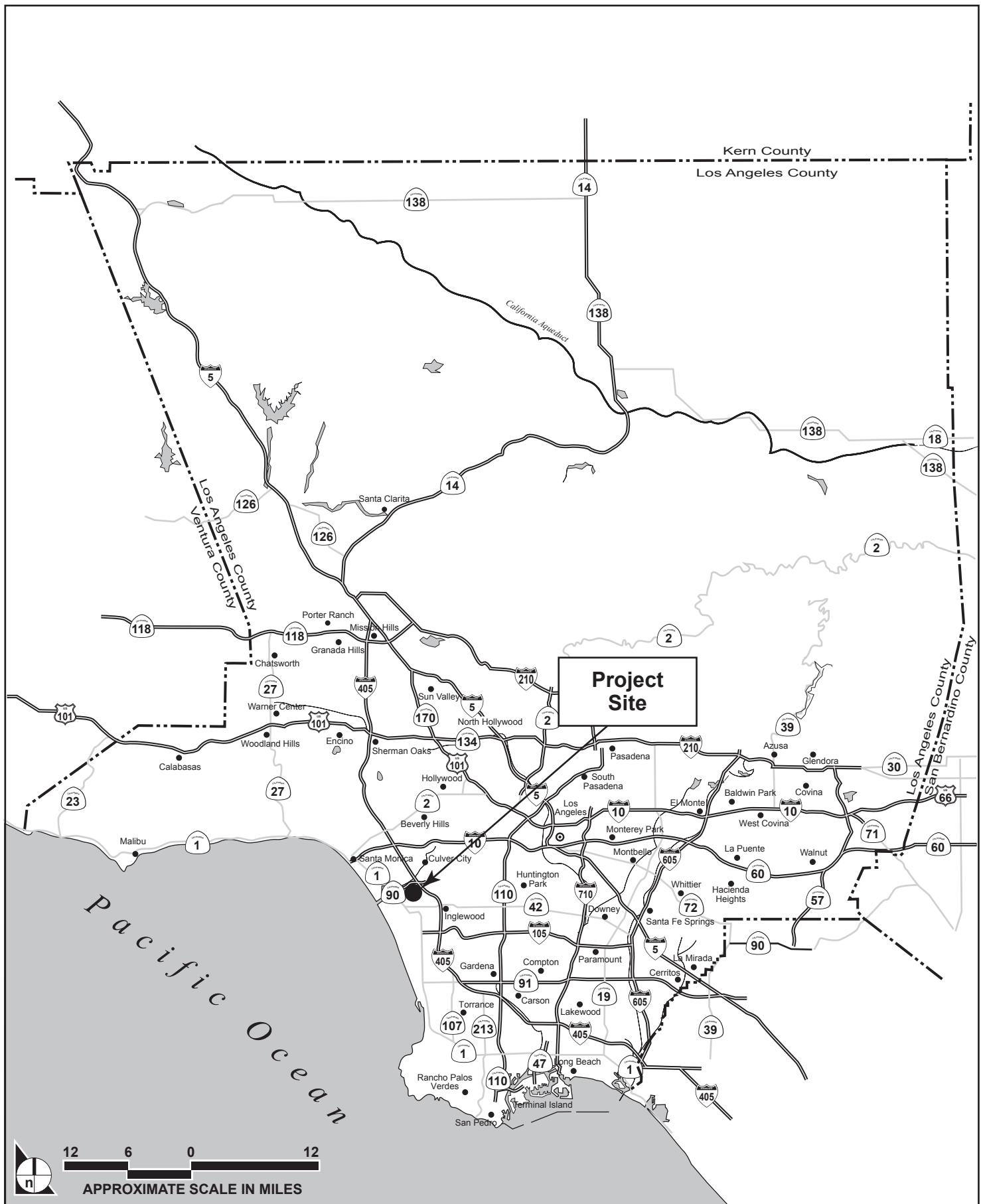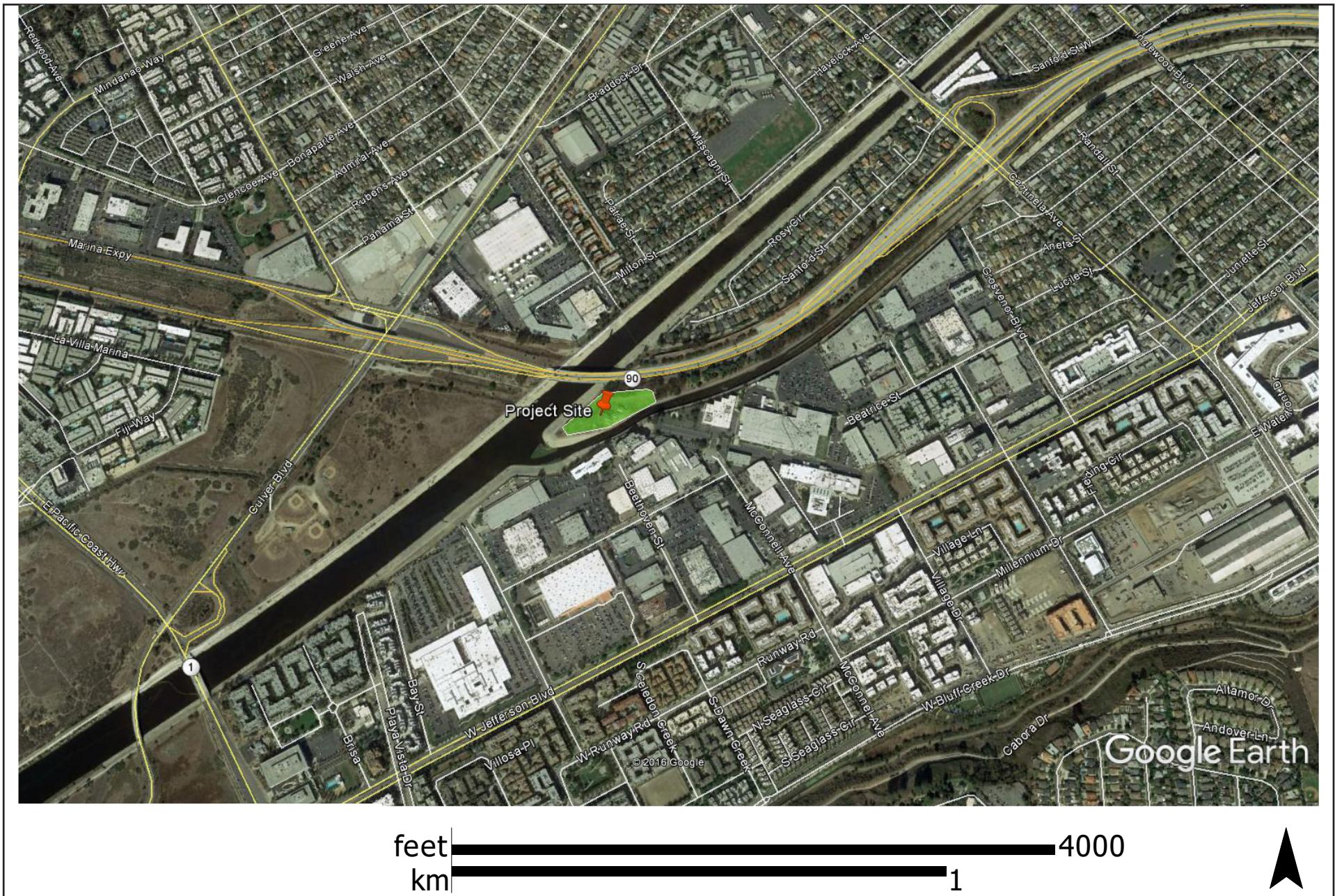
Regulatory Settings

The U.S. EPA, CARB, and SCAQMD monitor and regulate TACs, which are defined by California Health and Safety Code Section 39655 as "…any air pollutant which may cause of contribute to an increase in mortality or in serious illness, or which may pose a present or potential hazard to human health. A substance that is listed as a hazardous air pollutant pursuant to subsection (b) of Section 112 of the federal act (42 U.S.C. Sec. 7412(b)) is a toxic air contaminant."

TACs are a diverse group of air pollutants capable of causing chronic (i.e., long duration) and acute (i.e., short duration) adverse effects on human health. TACs include organic and inorganic chemical substances that are emitted from sources including gasoline stations, motor vehicles, dry cleaners, and industrial facilities. TACs differ from criteria pollutants in that ambient air quality standards have not been established for TACs, largely because there are hundreds of TACs, with health effects generally occurring at a local scale.

In 1998, the California Environmental Protection Agency (CalEPA) identified diesel exhaust particulate matter (DPM) as a TAC based on its potential to cause cancer, premature death, and other health problems. The greatest potential for TACs during most construction activities is from combustion of fuel from diesel off-road equipment. The greatest potential during long-term operations is from use of heavy-duty diesel trucks and stationary generators that use diesel fuel.

The City of Los Angeles has considered the implications of locating residences near freeways, and has prepared an advisory notice to alert the public to consider health implications of projects adjacent to freeways that are used by heavy-duty diesel trucks.[1] The City advises that appropriate buffers are provided to protect sensitive uses from being located near such freeways.

The City advises that projects requiring an Environmental Impact Report (EIR) that place sensitive receptors within 1,000 feet of a freeway perform an HRA as a supplemental technical report. An HRA provides information about localized health effects and allows the City to make an informed decision about appropriate site planning and design. This allows the City to consider appropriate mitigation, including enhanced air filtration systems for indoor spaces, building orientation, use of inoperable windows, and other site-specific measures.

This HRA determines the proposed project's potential exposure of humans to TACs from the operation of diesel-fueled vehicles on the SR-90 freeway, the resulting DPM emissions, and the effects of these emissions on cancer and non-cancer chronic health risk. Worksheets are included as an Appendix to this report.

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[1]   City of Los Angeles Planning Commission, "*Advisory Notice to Applicants – Addendum to January 26, 2012 Report*." October 2012.

Thresholds of Significance

The SCAQMD establishes that a project could result in significant impacts if it exposes sensitive receptors to an incremental cancer risk of 10 in a million or more, or a non-cancer chronic health risk hazard index (HI) rating of greater than 1.0.[2] The City's Advisory Notice does not establish thresholds of significance. However, the City's CEQA Thresholds Guide uses the same threshold established by the SCAQMD: an incremental cancer risk of 10 in a million or more.

As a result, this HRA considers that the proposed project could have a significant impact on air quality if it exposes future residents to an incremental cancer risk of 10 in a million or more, or an HI rating of greater than 1.0.

3 METHODOLOGY

Source Identification

Caltrans, Division of Traffic Operations, collects and maintains traffic volume counts for vehicles traveling along the California state highway system. Consistent with SCAQMD recommendations, the roadway segment length analyzed in this study was based on the freeway segment located within an approximate 0.25-mile radius of the project site. **Table 1** presents the annual average daily traffic volumes (AADT) and peak hour traffic volumes associated with the segment of SR-90 considered in this assessment.

Table 1 SR-90 Truck Traffic Volumes (2015)			
Roadway Segment	**Post Mile**	**Total AADT**	**Truck AADT**
Los Angeles, Culver Boulevard	1.746	75,000	2,835
Source: Caltrans, 2015.			

To calculate emissions resulting from future project years, a growth factor of 1.0303[3] was applied to each subsequent year of traffic after the year 2015 through 2050.

Emissions Calculations

Vehicle traffic and speed data from the Caltrans PeMS database was used for 2015. Hourly traffic data was also used to account for temporal variation of traffic flow. As discussed above, an annual traffic growth rate of 1.0303 percent was then applied to account for future traffic flow.

This HRA uses emission factors from CARB's EMFAC 2014 model. EMFAC was run for years 2020 through 2050 to identify average DPM emission factors from heavy-duty diesel trucks that travel the SR-90 freeway over the lifetime of the proposed project's operation. Vehicle emission factors were calculated

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[2] SCAQMD, *AB 2588 & Rule 1402 Supplemental Guidelines*, 2016.

[3] This growth factor is consistent with the traffic analysis. KOA Corporation, *Traffic Impact Study for Del Rey Pointe Los Angeles, California.* March 2017.

assuming exposure of 30 years. Vehicle emissions were calculated for each year from 2020 (year of project operation) through 2050 based on average traffic flow and vehicle speeds along the study segment for the 30-year risk scenario. Because EMFAC does not provide emission rates past the year 2050, this analysis conservatively applies the 2050 emission rates for the years 2050 through 2090 for the 70-year risk scenario.[4]

Dispersion Modeling

Dispersion modeling was performed using the AMS/EPA Regulatory Model (AERMOD), version 9.3.0. Consistent with SCAQMD recommendations, the roadway segments for this assessment were modeled as line sources represented by separated volume sources. A Cartesian grid of receptors was used for the central portion of the project site, with several discrete receptors placed near the corners of the site to represent ground level receptors. Meteorological data from the SCAQMD LAX monitoring station was imported from the SCAQMD online database.

Carcinogenic Risk Calculations

Cancer risk was calculated using CARB's HARP2 model that was released in March 2015. HARP incorporates the current guidance for conducting HRAs from the California Office of Environmental Health Hazard Assessment (OEHHA). OEHHA recommends that exposure duration (residency time) of 30 years be used to estimate individual cancer risk for the maximally exposed individual resident (MEIR).[5] OEHHA also recommends that the 30-year exposure duration be used as the basis for public notification and risk reduction audits and plans. 30-year exposure duration starts in the third trimester to accommodate the increased susceptibility of exposures in early life.[6] Exposure durations of 9-year and 70-year are also presented to illustrate the range of potential cancer risk based on residency periods. The 9-, 30-, and 70-year exposures are chosen to coincide with the US EPA estimates of the average (9-year), high-end (30-year), and lifetime (70-year) residency time.

Carcinogenic compounds are not considered to have threshold exposure levels, meaning any exposure will have some associated risk. Incremental health risks associated with exposure to carcinogenic compounds is defined as the probability of developing cancer as a result of exposure to a chemical at a given concentration. Under a deterministic approach (i.e., point estimate methodology), the cancer risk probability is determined by multiplying a chemical's annual concentration by its unit risk factor (URF). The URF is a measure of the carcinogenic potential of a chemical when a dose is received through the inhalation pathway. It is an upper bound estimate of the probability of contracting cancer from continuous exposure to an ambient concentration of one microgram per cubic meter (ug/m^3) over a 70-year lifetime. The URFs in the assessment and the corresponding cancer potency factors (CPFs) were obtained from OEHHA guidance.

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[4] Future automobiles are anticipated to have more advanced air emission control technology, resulting in lower emission rates in subsequent years.

[5] OEHHA, *Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk*, February 2015.

[6] Ibid.

For the inhalation pathway, the cancer risk characterization procedure requires the incorporation of several discrete variables to quantify potential dose. Once determined, contaminant dose is multiplied by the CPF in units of inverse dose expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ and other exposure factors to derive the cancer risk estimate. Therefore, to accommodate the unique exposures associated with the proposed population, the following dose algorithm was used:

$$CDI = (C_{AIR} \times [BR/BW] \times A \times EF)$$

Where: CDI = Chronic daily intake (mg/kg/day)
         C_{AIR} = Concentration of contaminant (mg/m^3)
         BR/BW = Daily breathing rate normalized to body weight (l/kg body weight-day
         EF = Exposure frequency (days/year)
         A = Inhalation absorption factor (unitless)

This HRA uses OEHHA-recommended default values for the parameters listed above. The daily breathing rate (BR/BW) was based on OEHHA guidance that varies depending on age, as illustrated in **Table 2**. The recommended exposure frequency (EF) is 350 days per year, which is equivalent to 0.96 (350/365 days per year). The inhalation absorption factor (A) is assumed to be 1 for inhalation-based risk assessment.[7]

Table 2 Recommended Residential Daily Breathing Rates for Point Estimate Dose Calculations (l/kg body weight)					
	3rd Trimester	<2 Years	2-9 Years	2-16 Years	16-30 Years
Mean Average	225	658	535	452	210
95th Percentile	361	1,090	861	745	335
Source: Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Guidance Manual. February 2015.					

Once dose is calculated, cancer risk is estimated by accounting for cancer potency of the pollutant, age sensitivity, exposure duration, averaging time for lifetime cancer risk, and fraction of time spent at home (sensitive receptor). The CPF is specific for each pollutant and is determined through peer-reviewed scientific studies. OEHHA has determined that DPM has a unit risk factor of 3.0E-4 (ug/m^3) and a slope factor of 1.1 $(mg/kg-day)^{-1}$.[8] The Age Sensitivity Factor (ASF) accounts for greater susceptibility in early life, starting from 3rd trimester of pregnancy to 70 years. The fraction of time at home (FAH) takes into account time actually residing at the sensitive receptor location. FAH also takes into account time spent for all applicable age groups. Exposure duration was assumed to be 30 years, consistent with OEHHA recommendations for residential land uses.

The incremental increase in cancer risk is the product of the dose and pollutant-specific CPF, ASF, ED, and FAH values. Cancer risk is calculated by multiplying the inhalation dose by the inhalation cancer

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[7] Office of Environmental Health Hazard Assessment, "*Air Toxics Hot Spots Program Guidance for Preparation of Health Risk Assessments,*" August 2003.

[8] Office of Environmental Health Hazard Assessment, "*Hot Spots Unit Risk and Cancer Potency Factors,*" May 2009.

potency factor to yield the potential excess cancer risk through inhalation. The following equation illustrates the formula for estimating cancer risk. To convert the risk value to chances per million of developing cancer, the potential cancer risk is multiplied by 10^6.

Cancer Risk = Dose (mg/kg-day) x CPF (mg/kg-day)$^{-1}$ x ASF x ED/AT x FAH

Where: Dose =   Amount of a pollutant a person is exposed to (mg/kg-day)

CPF =   Cancer Potency Factor of a pollutant (mg/kg-day)$^{-1}$

ASF =   Age Sensitivity Factor (unitless)

ED/AT =   Exposure Duration, or how long a person will be exposed to a pollutant in their lifetime (years)/Averaging Time, the duration of which the average dose is calculated (days)

FAH =   Fraction of time at home (unitless)

As shown in the equation above, each age group has different exposure parameters that require cancer risk to be calculated for each age group. FAH values are presented in **Table 3**.

Table 3 Recommendations for Fraction of Time at Home for Evaluating Cancer Risk	
Age Range	**Fraction of Time at Residence**
3rd Trimester and < 2 Years	0.85
2-16 Years	0.72
16-70 Years	0.73
Source: Office of Environmental Health Hazard Assessment, *Air Toxics Hot Spots Program Guidance Manual*. February 2015.	

4   IMPACTS ANALYSIS

Health risk impacts (cancer risk and non-cancer chronic health hazard) were assessed for future on-site residents. **Table 4**, **Carcinogenic Risks for On-Site Sensitive Receptors**, summarizes the carcinogenic risk for representative receptors located throughout the project site. For carcinogenic exposures, the cancer risk from DPM emissions for the project site resulted in a maximum carcinogenic risk of 8.21 per one million for the 30-year residential exposure scenario. For non-cancer chronic health hazard risk, the HI value is less than 0.01.[9] It should be noted that the calculated risk assumes no mitigation (such as mechanical filtration) and exposure with windows open. The current City of Los Angeles Building Code requires mechanical filtrations with a Minimum Efficiency Reporting Value (MERV) of 13.[10] This could significantly reduce DPM concentrations at on-site receptors by up to 90%.[11] However, differing use by residents can affect this figure, so to provide a conservative analysis, no reduction was assumed.

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[9]   The hazard index value is based on the annual average concentration of DPM.

[10]   City of Los Angeles, *Los Angeles Municipal Code Ordinance Number 184245*, April 2016.

[11]   SCAQMD, *Pilot Study of High Performance Air Filtration for Classrooms Applications*, October 2009.

Therefore, the actual cancer and chronic health hazard risk impacts to on-site residents would likely be lower than reported below.

Table 4	
Carcinogenic Risks for On-Site Sensitive Receptors	
Risk Scenario	**Unmitigated Carcinogenic Risk Per One Million**
30-year (MEIR)	**8.21**
9-year (Average)	6.22
70-year (Lifetime)	17.99
Source: Impact Sciences, 2017.	

5 SUMMARY OF RESULTS

Based on an exposure duration of 30 years, health risk impacts to future on-site residents from exposure of TAC emissions from the SR-90 freeway would not exceed thresholds. As such, no mitigation measures are required. Additionally, the project would comply with the City of Los Angeles Green Building Code which requires mechanical filtration rated MERV 13. The Project would be consistent with the City's Advisory Notice for Freeway-Adjacent Projects.

APPENDIX A

Dispersion Model and HARP Calculations

Del Rey Pointe 9 Year Running Emission Rates and Calculations

Year	Truck AADT	Segment Distance	PM (g/mi)	PM10 (g/mi)	PM10 (g/d)	PM10 (g/s)
2015	2,835		NA	NA		
2016	2,921		NA	NA		
2017	3,009		NA	NA		
2018	3,101			NA		
2019	3,195		0.02285	NA		
2020	3,291	0.666	0.02097	0.020050777	43.95	0.000508702
2021	3,391	0.666	0.01842	0.01803076	40.72	0.000471313
2022	3,494	0.666	0.01511	0.015707044	36.55	0.000423013
2023	3,600	0.666	0.00525	0.006349478	15.22	0.000176182
2024	3,709	0.666	0.00526	0.006329377	15.63	0.000180946
2025	3,821	0.666	0.00526	0.006277529	15.98	0.000184901
2026	3,937	0.666	0.00525	0.006197655	16.25	0.00018808
2027	4,056	0.666	0.00522	0.006120832	16.53	0.000191376
2028	4,179	0.666	0.00519	0.006052576	16.85	0.000194976
					Average Per Direction	0.000279943

1. Assumes 1.0303 growth rate factor consistent with the traffic analysis.

2. Section 99.04.504.6 of the Los Angeles Municipal Code requires mechanically ventilated buildings within 1,000 feet of a freeway to provide a Minimum Efficency Reporting Value (MERV) of 13. This can provide up to 90% reduction in emissions if the HVAC system is constantly running. To remain conservative, this reduction was not built into the model and therefore emissions estimates could be significantly lower depending on the amount of HVAC usage of each unit.

3. Emissions Rates from EMFAC2014 Web Database.

Del Rey Pointe 30 Year Running Emission Rates and Calculations

Year	Truck AADT	Segment Distance	PM10 (g/mi)	PM10 (g/d)	PM10 (g/s)
2015	2,835		NA		
2016	2,921		NA		
2017	3,009		NA		
2018	3,101		NA		
2019	3,195		NA		
2020	3,291	0.666	0.020050777	43.95	0.000508702
2021	3,391	0.666	0.01803076	40.72	0.000471313
2022	3,494	0.666	0.015707044	36.55	0.000423013
2023	3,600	0.666	0.006349478	15.22	0.000176182
2024	3,709	0.666	0.006329377	15.63	0.000180946
2025	3,821	0.666	0.006277529	15.98	0.000184901
2026	3,937	0.666	0.006197655	16.25	0.00018808
2027	4,056	0.666	0.006120832	16.53	0.000191376
2028	4,179	0.666	0.006052576	16.85	0.000194976
2029	4,306	0.666	0.005964601	17.10	0.000197964
2030	4,436	0.666	0.005878272	17.37	0.000201011
2031	4,571	0.666	0.005808406	17.68	0.00020464
2032	4,709	0.666	0.005734209	17.98	0.000208147
2033	4,852	0.666	0.005671995	18.33	0.000212127
2034	4,999	0.666	0.005612349	18.68	0.000216256
2035	5,150	0.666	0.005570712	19.11	0.000221156
2036	5,306	0.666	0.005543799	19.59	0.000226756
2037	5,467	0.666	0.005524885	20.12	0.00023283
2038	5,633	0.666	0.005513662	20.68	0.000239397
2039	5,803	0.666	0.005507972	21.29	0.000246396
2040	5,979	0.666	0.005505555	21.92	0.000253751
2041	6,160	0.666	0.005503031	22.58	0.000261319
2042	6,347	0.666	0.005503144	23.26	0.000269243
2043	6,539	0.666	0.005504012	23.97	0.000277445
2044	6,738	0.666	0.005504169	24.70	0.00028586
2045	6,942	0.666	0.005503943	25.45	0.000294509
2046	7,152	0.666	0.005503194	26.21	0.000303391
2047	7,369	0.666	0.005501349	27.00	0.000312479
2048	7,592	0.666	0.005500303	27.81	0.000321886
2049	7,822	0.666	0.005500207	28.65	0.000331633
2050	8,059	0.666	0.005500219	29.52	0.000341683
				Average Per Direction	0.000263851

1. Assumes 1.0303 growth rate factor consistent
with the traffic analysis.

2. Section 99.04.504.6 of the Los Angeles Municipal Code requires mechanically ventilated buildings within 1,000 feet of a freeway to provide a Minimum Efficency Reporting Value (MERV) of 13. This can provide up to 90% reduction in emissions if the HVAC system is constantly running. To remain conservative, this reduction was not built into the model and therefore emissions estimates could be significantly lower depending on the amount of HVAC usage of each unit.
3. Emissions Rates from EMFAC2014 Web Database.

Del Rey Pointe 70 Year Running Emission Rates and Calculations

Year	Truck AADT	Segment Distance	PM10 (g/mi)	PM10 (g/d)		PM10 (g/s)
2015	2,835		NA			
2016	2,921		NA			
2017	3,009		NA			
2018	3,101		NA			
2019	3,195		NA			
2020	3,291	0.666	0.020050777		43.95	0.000508702
2021	3,391	0.666	0.01803076		40.72	0.000471313
2022	3,494	0.666	0.015707044		36.55	0.000423013
2023	3,600	0.666	0.006349478		15.22	0.000176182
2024	3,709	0.666	0.006329377		15.63	0.000180946
2025	3,821	0.666	0.006277529		15.98	0.000184901
2026	3,937	0.666	0.006197655		16.25	0.00018808
2027	4,056	0.666	0.006120832		16.53	0.000191376
2028	4,179	0.666	0.006052576		16.85	0.000194976
2029	4,306	0.666	0.005964601		17.10	0.000197964
2030	4,436	0.666	0.005878272		17.37	0.000201011
2031	4,571	0.666	0.005808406		17.68	0.00020464
2032	4,709	0.666	0.005734209		17.98	0.000208147
2033	4,852	0.666	0.005671995		18.33	0.000212127
2034	4,999	0.666	0.005612349		18.68	0.000216256
2035	5,150	0.666	0.005570712		19.11	0.000221156
2036	5,306	0.666	0.005543799		19.59	0.000226756
2037	5,467	0.666	0.005524885		20.12	0.00023283
2038	5,633	0.666	0.005513662		20.68	0.000239397
2039	5,803	0.666	0.005507972		21.29	0.000246396
2040	5,979	0.666	0.005505555		21.92	0.000253751
2041	6,160	0.666	0.005503031		22.58	0.000261319
2042	6,347	0.666	0.005503144		23.26	0.000269243
2043	6,539	0.666	0.005504012		23.97	0.000277445
2044	6,738	0.666	0.005504169		24.70	0.00028586
2045	6,942	0.666	0.005503943		25.45	0.000294509
2046	7,152	0.666	0.005503194		26.21	0.000303391
2047	7,369	0.666	0.005501349		27.00	0.000312479
2048	7,592	0.666	0.005500303		27.81	0.000321886
2049	7,822	0.666	0.005500207		28.65	0.000331633
2050	8,059	0.666	0.005500219		29.52	0.000341683
2051	8,303	0.666	0.005500219		30.42	0.000352036
2052	8,555	0.666	0.005500219		31.34	0.000362702
2053	8,814	0.666	0.005500219		32.29	0.000373692
2054	9,081	0.666	0.005500219		33.27	0.000385015
2055	9,356	0.666	0.005500219		34.27	0.000396681
2056	9,640	0.666	0.005500219		35.31	0.000408701

2057	9,932	0.666	0.005500219	36.38	0.000421084
2058	10,233	0.666	0.005500219	37.48	0.000433843
2059	10,543	0.666	0.005500219	38.62	0.000446988
2060	10,862	0.666	0.005500219	39.79	0.000460532
2061	11,191	0.666	0.005500219	41.00	0.000474486
2062	11,530	0.666	0.005500219	42.24	0.000488863
2063	11,880	0.666	0.005500219	43.52	0.000503676
2064	12,240	0.666	0.005500219	44.84	0.000518937
2065	12,611	0.666	0.005500219	46.19	0.000534661
2066	12,993	0.666	0.005500219	47.59	0.000550861
2067	13,386	0.666	0.005500219	49.04	0.000567552
2068	13,792	0.666	0.005500219	50.52	0.000584749
2069	14,210	0.666	0.005500219	52.05	0.000602467
2070	14,641	0.666	0.005500219	53.63	0.000620722
2071	15,084	0.666	0.005500219	55.26	0.00063953
2072	15,541	0.666	0.005500219	56.93	0.000658907
2073	16,012	0.666	0.005500219	58.65	0.000678872
2074	16,497	0.666	0.005500219	60.43	0.000699442
2075	16,997	0.666	0.005500219	62.26	0.000720635
2076	17,512	0.666	0.005500219	64.15	0.000742471
2077	18,043	0.666	0.005500219	66.09	0.000764967
2078	18,589	0.666	0.005500219	68.10	0.000788146
2079	19,153	0.666	0.005500219	70.16	0.000812027
2080	19,733	0.666	0.005500219	72.28	0.000836631
2081	20,331	0.666	0.005500219	74.48	0.000861981
2082	20,947	0.666	0.005500219	76.73	0.000888099
2083	21,582	0.666	0.005500219	79.06	0.000915008
2084	22,236	0.666	0.005500219	81.45	0.000942733
2085	22,909	0.666	0.005500219	83.92	0.000971298
2086	23,603	0.666	0.005500219	86.46	0.001000728
2087	24,319	0.666	0.005500219	89.08	0.00103105
2088	25,056	0.666	0.005500219	91.78	0.001062291
2089	25,815	0.666	0.005500219	94.56	0.001094479
2090	26,597	0.666	0.005500219	97.43	0.001127641
				Average Per Direction	0.000491613

1. Assumes 1.0303 growth rate factor consistent with
the traffic analysis.

2. Section 99.04.504.6 of the Los Angeles Municipal Code requires mechanically ventilated buildings within 1,000 feet of a freeway to provide a Minimum Efficency Reporting Value (MERV) of 13. This can provide up to 90% reduction in emissions if the HVAC system is constantly running. To remain conservative, this reduction was not built into the model and therefore emissions estimates could be significantly lower depending on the amount of HVAC usage of each unit.
3. Emissions Rates from EMFAC2014 Web Database.

Del Rey Pointe HRA Cancer Risk

Scenario	Concentration (AERMOD)	Risk Factor (HARP2)	Cancer Risk Per Million
30 Year	0.01204	8.21E-06	8.21

Scenario	Concentration (AERMOD)	Risk Factor (HARP2)	Cancer Risk Per Million
70 Year	0.02242	1.80E-05	17.99

Scenario	Concentration (AERMOD)	Risk Factor (HARP2)	Cancer Risk Per Million
9 Year	0.01277	6.22E-06	6.22

EMFAC2014 (v1.0.7) Emission Rates
Region Type: County
Region: Los Angeles
Calendar Year: 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 204(
Season: Summer
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, g/mile for RUNEX, PMBW and PMTW, g/trip for STREX, HTSK and RUNLS, g/vehicle/day for IDLEX,

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	PM10_RUNEX
Los Angeles	2020	HHDT	Aggregated	Aggregated	DSL	50743.35483	6949594	0.020050777
Los Angeles	2021	HHDT	Aggregated	Aggregated	DSL	52019.25433	7199666	0.01803076
Los Angeles	2022	HHDT	Aggregated	Aggregated	DSL	53072.12887	7429489	0.015707044
Los Angeles	2023	HHDT	Aggregated	Aggregated	DSL	53114.26062	7651296	0.006349478
Los Angeles	2024	HHDT	Aggregated	Aggregated	DSL	54546.52367	7813233	0.006329377
Los Angeles	2025	HHDT	Aggregated	Aggregated	DSL	55738.75527	7965195	0.006277529
Los Angeles	2026	HHDT	Aggregated	Aggregated	DSL	56835.26385	8131333	0.006197655
Los Angeles	2027	HHDT	Aggregated	Aggregated	DSL	57594.46288	8297782	0.006120832
Los Angeles	2028	HHDT	Aggregated	Aggregated	DSL	58231.96159	8464223	0.006052576
Los Angeles	2029	HHDT	Aggregated	Aggregated	DSL	58785.86522	8629885	0.005964601
Los Angeles	2030	HHDT	Aggregated	Aggregated	DSL	59329.49256	8795977	0.005878272
Los Angeles	2031	HHDT	Aggregated	Aggregated	DSL	59767.36446	8940225	0.005808406
Los Angeles	2032	HHDT	Aggregated	Aggregated	DSL	60176.25935	9083890	0.005734209
Los Angeles	2033	HHDT	Aggregated	Aggregated	DSL	60546.78856	9227926	0.005671995
Los Angeles	2034	HHDT	Aggregated	Aggregated	DSL	60999.11859	9371631	0.005612349
Los Angeles	2035	HHDT	Aggregated	Aggregated	DSL	61567.67457	9515363	0.005570712
Los Angeles	2036	HHDT	Aggregated	Aggregated	DSL	62263.28243	9679094	0.005543799
Los Angeles	2037	HHDT	Aggregated	Aggregated	DSL	62980.73018	9842812	0.005524885
Los Angeles	2038	HHDT	Aggregated	Aggregated	DSL	63801.40325	10006155	0.005513662
Los Angeles	2039	HHDT	Aggregated	Aggregated	DSL	64672.20023	10169349	0.005507972
Los Angeles	2040	HHDT	Aggregated	Aggregated	DSL	65579.85	10332355	0.005505555
Los Angeles	2041	HHDT	Aggregated	Aggregated	DSL	66439.17936	10469476	0.005503031
Los Angeles	2042	HHDT	Aggregated	Aggregated	DSL	67364.3648	10627036	0.005503144
Los Angeles	2043	HHDT	Aggregated	Aggregated	DSL	68331.44167	10784276	0.005504012
Los Angeles	2044	HHDT	Aggregated	Aggregated	DSL	69283.58962	10941391	0.005504169

Del Rey Pointe 9 Year HARP2 Output

*HARP - HRACalc v17023 4/26/2017 9:52:10 AM - Cancer Risk - Input File: C:\Users\jjerome\Desktop\DRP_9y_2_fahHRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1			9901	DieselExhPM	0.01277	6.22E-06	9YrCancerDerived_InhSoilDermMMilk_FAH3to70	*	6.22E-06	0.00E+00	0.00E+00	0.00E+00

30 Year HARP2 Output

*HARP - HRACalc v17023 4/25/2017 4:44:48 PM - Cancer Risk - Input File: C:\Users\jjerome\Desktop\DRP_30y_2_fahHRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1			9901	DieselExhPM	0.01204	8.21E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	*	8.21E-06	0.00E+00	0.00E+00	0.00E+00

70 Year HARP2 Output

*HARP - HRACalc v17023 4/26/2017 9:50:52 AM - Cancer Risk - Input File: C:\Users\jjerome\Desktop\DRP_70y_2_fahHRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1			9901	DieselExhPM	0.02242	1.80E-05	70YrCancerDerived_InhSoilDermMMilk_FAH3to70	*	1.80E-05	0.00E+00	0.00E+00	0.00E+00

Del Rey Pointe Chronic Hazard

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	SCENARIO	RESP	INH_CONC
1			9901	DieselExhPM	0.01204	NonCancerChronicDerived_Inh	2.41E-03	1.20E-02

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 4/25/2017
** File: C:\Users\jjerome\Desktop\Del Rey Pointe\Del Rey Point2_
30year\Del Rey Point2_30year.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\jayp959\Desktop\Jared\Del Rey Pointe\Del Rey
Pointe.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 9862049
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Del Rey Point2_30year.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------
-------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Del Rey Pointe DPM
** PREFIX DPM
** Length of Side = 8.59
** Configuration = Separated
** Emission Rate = 0.000263851
** Vertical Dimension = 7.26
** SZINIT = 3.38
** Nodes = 12
** 368073.582, 3761059.867, 9.07, 3.63, 7.98
** 368202.904, 3761020.609, 10.00, 3.63, 7.98
** 368347.622, 3760971.343, 10.52, 3.63, 7.98
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** 368439.225, 3760945.171, 11.00, 3.63, 7.98
** 368524.670, 3760935.933, 11.01, 3.63, 7.98
** 368596.259, 3760932.854, 11.98, 3.63, 7.98
** 368718.653, 3760946.710, 12.51, 3.63, 7.98
** 368794.861, 3760968.264, 12.90, 3.63, 7.98
** 368877.997, 3761001.364, 13.21, 3.63, 7.98
** 368922.644, 3761025.997, 13.57, 3.63, 7.98
** 368988.075, 3761068.335, 14.08, 3.63, 7.98
** 369071.980, 3761140.694, 15.05, 3.63, 7.98
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    LOCATION DPM00001     VOLUME     368077.692 3761058.620 9.10
    LOCATION DPM00002     VOLUME     368094.111 3761053.635 9.22
    LOCATION DPM00003     VOLUME     368110.530 3761048.651 9.34
    LOCATION DPM00004     VOLUME     368126.950 3761043.666 9.45
    LOCATION DPM00005     VOLUME     368143.369 3761038.682 9.57
    LOCATION DPM00006     VOLUME     368159.789 3761033.697 9.69
    LOCATION DPM00007     VOLUME     368176.208 3761028.713 9.81
    LOCATION DPM00008     VOLUME     368192.628 3761023.728 9.93
    LOCATION DPM00009     VOLUME     368208.981 3761018.540 10.02
    LOCATION DPM00010     VOLUME     368225.225 3761013.010 10.08
    LOCATION DPM00011     VOLUME     368241.469 3761007.480 10.14
    LOCATION DPM00012     VOLUME     368257.713 3761001.950 10.20
    LOCATION DPM00013     VOLUME     368273.957 3760996.421 10.26
    LOCATION DPM00014     VOLUME     368290.201 3760990.891 10.31
    LOCATION DPM00015     VOLUME     368306.445 3760985.361 10.37
    LOCATION DPM00016     VOLUME     368322.688 3760979.831 10.43
    LOCATION DPM00017     VOLUME     368338.932 3760974.301 10.49
    LOCATION DPM00018     VOLUME     368355.295 3760969.151 10.56
    LOCATION DPM00019     VOLUME     368371.794 3760964.437 10.65
    LOCATION DPM00020     VOLUME     368388.293 3760959.723 10.73
    LOCATION DPM00021     VOLUME     368404.792 3760955.009 10.82
    LOCATION DPM00022     VOLUME     368421.291 3760950.295 10.91
    LOCATION DPM00023     VOLUME     368437.790 3760945.581 10.99
    LOCATION DPM00024     VOLUME     368454.802 3760943.487 11.00
    LOCATION DPM00025     VOLUME     368471.862 3760941.642 11.00
    LOCATION DPM00026     VOLUME     368488.921 3760939.798 11.01
    LOCATION DPM00027     VOLUME     368505.981 3760937.954 11.01
    LOCATION DPM00028     VOLUME     368523.041 3760936.110 11.01
    LOCATION DPM00029     VOLUME     368540.177 3760935.266 11.22
    LOCATION DPM00030     VOLUME     368557.320 3760934.529 11.45
    LOCATION DPM00031     VOLUME     368574.464 3760933.792 11.68
    LOCATION DPM00032     VOLUME     368591.607 3760933.054 11.92
    LOCATION DPM00033     VOLUME     368608.683 3760934.261 12.03
    LOCATION DPM00034     VOLUME     368625.733 3760936.191 12.11
    LOCATION DPM00035     VOLUME     368642.784 3760938.121 12.18
    LOCATION DPM00036     VOLUME     368659.834 3760940.052 12.26
    LOCATION DPM00037     VOLUME     368676.885 3760941.982 12.33
    LOCATION DPM00038     VOLUME     368693.935 3760943.912 12.40
    LOCATION DPM00039     VOLUME     368710.985 3760945.842 12.48
    LOCATION DPM00040     VOLUME     368727.739 3760949.280 12.56
    LOCATION DPM00041     VOLUME     368744.251 3760953.950 12.64
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LOCATION DPM00042      VOLUME   368760.763 3760958.620 12.73
LOCATION DPM00043      VOLUME   368777.274 3760963.290 12.81
LOCATION DPM00044      VOLUME   368793.786 3760967.960 12.89
LOCATION DPM00045      VOLUME   368809.765 3760974.198 12.96
LOCATION DPM00046      VOLUME   368825.707 3760980.545 13.02
LOCATION DPM00047      VOLUME   368841.650 3760986.893 13.07
LOCATION DPM00048      VOLUME   368857.592 3760993.240 13.13
LOCATION DPM00049      VOLUME   368873.534 3760999.587 13.19
LOCATION DPM00050      VOLUME   368888.815 3761007.333 13.30
LOCATION DPM00051      VOLUME   368903.840 3761015.622 13.42
LOCATION DPM00052      VOLUME   368918.864 3761023.912 13.54
LOCATION DPM00053      VOLUME   368933.426 3761032.974 13.65
LOCATION DPM00054      VOLUME   368947.832 3761042.296 13.77
LOCATION DPM00055      VOLUME   368962.239 3761051.617 13.88
LOCATION DPM00056      VOLUME   368976.645 3761060.939 13.99
LOCATION DPM00057      VOLUME   368990.760 3761070.650 14.11
LOCATION DPM00058      VOLUME   369003.755 3761081.857 14.26
LOCATION DPM00059      VOLUME   369016.749 3761093.063 14.41
LOCATION DPM00060      VOLUME   369029.744 3761104.270 14.56
LOCATION DPM00061      VOLUME   369042.738 3761115.476 14.71
LOCATION DPM00062      VOLUME   369055.733 3761126.682 14.86
LOCATION DPM00063      VOLUME   369068.728 3761137.889 15.01
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** Source Parameters **
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   SRCPARAM DPM00002    0.000004188     3.63      7.98
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   SRCPARAM DPM00003    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00004    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00005    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00006    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00007    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00008    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00009    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00010    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00011    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00012    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00013    0.000004188     3.63      7.98
3.38
   SRCPARAM DPM00014    0.000004188     3.63      7.98
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3.38
    SRCPARAM DPM00015      0.000004188      3.63      7.98
3.38
    SRCPARAM DPM00016      0.000004188      3.63      7.98
3.38
    SRCPARAM DPM00017      0.000004188      3.63      7.98
3.38
    SRCPARAM DPM00018      0.000004188      3.63      7.98
3.38
    SRCPARAM DPM00019      0.000004188      3.63      7.98
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    SRCPARAM DPM00020      0.000004188      3.63      7.98
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    SRCPARAM DPM00021      0.000004188      3.63      7.98
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    SRCPARAM DPM00022      0.000004188      3.63      7.98
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    SRCPARAM DPM00023      0.000004188      3.63      7.98
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    SRCPARAM DPM00024      0.000004188      3.63      7.98
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    SRCPARAM DPM00025      0.000004188      3.63      7.98
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    SRCPARAM DPM00026      0.000004188      3.63      7.98
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    SRCPARAM DPM00027      0.000004188      3.63      7.98
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    SRCPARAM DPM00028      0.000004188      3.63      7.98
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    SRCPARAM DPM00029      0.000004188      3.63      7.98
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    SRCPARAM DPM00030      0.000004188      3.63      7.98
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    SRCPARAM DPM00031      0.000004188      3.63      7.98
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    SRCPARAM DPM00036      0.000004188      3.63      7.98
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    SRCPARAM DPM00037      0.000004188      3.63      7.98
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    SRCPARAM DPM00039      0.000004188      3.63      7.98
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3.38
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   SRCPARAM DPM00042       0.000004188      3.63      7.98
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   SRCPARAM DPM00043       0.000004188      3.63      7.98
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   SRCPARAM DPM00044       0.000004188      3.63      7.98
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   SRCPARAM DPM00046       0.000004188      3.63      7.98
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   SRCPARAM DPM00048       0.000004188      3.63      7.98
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   SRCPARAM DPM00049       0.000004188      3.63      7.98
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   SRCPARAM DPM00053       0.000004188      3.63      7.98
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   SRCPARAM DPM00054       0.000004188      3.63      7.98
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   SRCPARAM DPM00055       0.000004188      3.63      7.98
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   SRCPARAM DPM00062       0.000004188      3.63      7.98
3.38
   SRCPARAM DPM00063       0.000004188      3.63      7.98
3.38
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   URBANSRC DPM00001
   URBANSRC DPM00002
   URBANSRC DPM00003
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URBANSRC DPM00004
URBANSRC DPM00005
URBANSRC DPM00006
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URBANSRC DPM00009
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URBANSRC DPM00051
URBANSRC DPM00052
URBANSRC DPM00053
URBANSRC DPM00054
URBANSRC DPM00055
```

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      URBANSRC DPM00056
      URBANSRC DPM00057
      URBANSRC DPM00058
      URBANSRC DPM00059
      URBANSRC DPM00060
      URBANSRC DPM00061
      URBANSRC DPM00062
      URBANSRC DPM00063
      SRCGROUP ALL
   SO FINISHED
   **
   ****************************************
   ** AERMOD Receptor Pathway
   ****************************************
   **
   **
   RE STARTING
      INCLUDED "Del Rey Point2_30year.rou"
   RE FINISHED
   **
   ****************************************
   ** AERMOD Meteorology Pathway
   ****************************************
   **
   **
   ME STARTING
      SURFFILE laxh8.sfc
      PROFFILE laxh8.PFL
      SURFDATA 0 2007
      UAIRDATA 3190 2007
      SITEDATA 99999 2007
      PROFBASE 42.0 METERS
   ME FINISHED
   **
   ****************************************
   ** AERMOD Output Pathway
   ****************************************
   **
   **
   OU STARTING
      RECTABLE ALLAVE 1ST
      RECTABLE 1 1ST
      RECTABLE 24 1ST 6TH
   ** Auto-Generated Plotfiles
      PLOTFILE 1 ALL 1ST "DEL REY POINT2_30YEAR.AD\01H1GALL.PLT" 31
      PLOTFILE 24 ALL 1ST "DEL REY POINT2_30YEAR.AD\24H1GALL.PLT" 32
      PLOTFILE 24 ALL 6TH "DEL REY POINT2_30YEAR.AD\24H6GALL.PLT" 33
      PLOTFILE ANNUAL ALL "DEL REY POINT2_30YEAR.AD\AN00GALL.PLT" 34
      SUMMFILE "Del Rey Point2_30year.sum"
   OU FINISHED

    ***********************************
```

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

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***      04/25/17
 *** AERMET - VERSION  14134 ***   ***
***        16:19:19


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    63
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  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:
        TEMP_Sub - Meteorological data includes TEMP
substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
    and Calculates ANNUAL Averages

 **This Run Includes:    63 Source(s);      1 Source Group(s);
and     450 Receptor(s)

              with:      0 POINT(s), including
                         0 POINTCAP(s) and      0 POINTHOR(s)


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```

```
              and:      63 VOLUME source(s)
              and:       0 AREA type source(s)
              and:       0 LINE source(s)
              and:       0 OPENPIT source(s)
              and:       0 BUOYANT LINE source(s) with      0
line(s)
```

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

 **The AERMET Input Meteorological Data Version Date: 14134

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

 **NOTE: The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

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

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

 **Detailed Error/Message File: Del Rey Point2_30year.err
 **File for Summary of Results: Del Rey Point2_30year.sum

```
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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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 DPM00001        0   0.41880E-05  368077.7 3761058.6    9.1
3.63    7.98     3.38     YES
 DPM00002        0   0.41880E-05  368094.1 3761053.6    9.2
3.63    7.98     3.38     YES
 DPM00003        0   0.41880E-05  368110.5 3761048.7    9.3
3.63    7.98     3.38     YES
 DPM00004        0   0.41880E-05  368127.0 3761043.7    9.5
3.63    7.98     3.38     YES
 DPM00005        0   0.41880E-05  368143.4 3761038.7    9.6
3.63    7.98     3.38     YES
 DPM00006        0   0.41880E-05  368159.8 3761033.7    9.7
3.63    7.98     3.38     YES
 DPM00007        0   0.41880E-05  368176.2 3761028.7    9.8
3.63    7.98     3.38     YES
 DPM00008        0   0.41880E-05  368192.6 3761023.7    9.9
3.63    7.98     3.38     YES
 DPM00009        0   0.41880E-05  368209.0 3761018.5   10.0
3.63    7.98     3.38     YES
 DPM00010        0   0.41880E-05  368225.2 3761013.0   10.1
3.63    7.98     3.38     YES
 DPM00011        0   0.41880E-05  368241.5 3761007.5   10.1
3.63    7.98     3.38     YES
 DPM00012        0   0.41880E-05  368257.7 3761001.9   10.2
3.63    7.98     3.38     YES
 DPM00013        0   0.41880E-05  368274.0 3760996.4   10.3
3.63    7.98     3.38     YES
 DPM00014        0   0.41880E-05  368290.2 3760990.9   10.3
3.63    7.98     3.38     YES
 DPM00015        0   0.41880E-05  368306.4 3760985.4   10.4
3.63    7.98     3.38     YES
 DPM00016        0   0.41880E-05  368322.7 3760979.8   10.4
```

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3.63      7.98      3.38      YES
 DPM00017           0   0.41880E-05   368338.9 3760974.3    10.5
3.63      7.98      3.38      YES
 DPM00018           0   0.41880E-05   368355.3 3760969.2    10.6
3.63      7.98      3.38      YES
 DPM00019           0   0.41880E-05   368371.8 3760964.4    10.7
3.63      7.98      3.38      YES
 DPM00020           0   0.41880E-05   368388.3 3760959.7    10.7
3.63      7.98      3.38      YES
 DPM00021           0   0.41880E-05   368404.8 3760955.0    10.8
3.63      7.98      3.38      YES
 DPM00022           0   0.41880E-05   368421.3 3760950.3    10.9
3.63      7.98      3.38      YES
 DPM00023           0   0.41880E-05   368437.8 3760945.6    11.0
3.63      7.98      3.38      YES
 DPM00024           0   0.41880E-05   368454.8 3760943.5    11.0
3.63      7.98      3.38      YES
 DPM00025           0   0.41880E-05   368471.9 3760941.6    11.0
3.63      7.98      3.38      YES
 DPM00026           0   0.41880E-05   368488.9 3760939.8    11.0
3.63      7.98      3.38      YES
 DPM00027           0   0.41880E-05   368506.0 3760938.0    11.0
3.63      7.98      3.38      YES
 DPM00028           0   0.41880E-05   368523.0 3760936.1    11.0
3.63      7.98      3.38      YES
 DPM00029           0   0.41880E-05   368540.2 3760935.3    11.2
3.63      7.98      3.38      YES
 DPM00030           0   0.41880E-05   368557.3 3760934.5    11.5
3.63      7.98      3.38      YES
 DPM00031           0   0.41880E-05   368574.5 3760933.8    11.7
3.63      7.98      3.38      YES
 DPM00032           0   0.41880E-05   368591.6 3760933.1    11.9
3.63      7.98      3.38      YES
 DPM00033           0   0.41880E-05   368608.7 3760934.3    12.0
3.63      7.98      3.38      YES
 DPM00034           0   0.41880E-05   368625.7 3760936.2    12.1
3.63      7.98      3.38      YES
 DPM00035           0   0.41880E-05   368642.8 3760938.1    12.2
3.63      7.98      3.38      YES
 DPM00036           0   0.41880E-05   368659.8 3760940.1    12.3
3.63      7.98      3.38      YES
 DPM00037           0   0.41880E-05   368676.9 3760942.0    12.3
3.63      7.98      3.38      YES
 DPM00038           0   0.41880E-05   368693.9 3760943.9    12.4
3.63      7.98      3.38      YES
 DPM00039           0   0.41880E-05   368711.0 3760945.8    12.5
3.63      7.98      3.38      YES
 DPM00040           0   0.41880E-05   368727.7 3760949.3    12.6
3.63      7.98      3.38      YES
```

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 *** 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
- -
- -

 DPM00041   0   0.41880E-05 368744.3 3760953.9   12.6
3.63   7.98   3.38   YES
 DPM00042   0   0.41880E-05 368760.8 3760958.6   12.7
3.63   7.98   3.38   YES
 DPM00043   0   0.41880E-05 368777.3 3760963.3   12.8
3.63   7.98   3.38   YES
 DPM00044   0   0.41880E-05 368793.8 3760968.0   12.9
3.63   7.98   3.38   YES
 DPM00045   0   0.41880E-05 368809.8 3760974.2   13.0
3.63   7.98   3.38   YES
 DPM00046   0   0.41880E-05 368825.7 3760980.5   13.0
3.63   7.98   3.38   YES
 DPM00047   0   0.41880E-05 368841.6 3760986.9   13.1
3.63   7.98   3.38   YES
 DPM00048   0   0.41880E-05 368857.6 3760993.2   13.1
3.63   7.98   3.38   YES
 DPM00049   0   0.41880E-05 368873.5 3760999.6   13.2
3.63   7.98   3.38   YES
 DPM00050   0   0.41880E-05 368888.8 3761007.3   13.3
3.63   7.98   3.38   YES
 DPM00051   0   0.41880E-05 368903.8 3761015.6   13.4
3.63   7.98   3.38   YES
 DPM00052   0   0.41880E-05 368918.9 3761023.9   13.5
3.63   7.98   3.38   YES
 DPM00053   0   0.41880E-05 368933.4 3761033.0   13.7
3.63   7.98   3.38   YES
 DPM00054   0   0.41880E-05 368947.8 3761042.3   13.8
3.63   7.98   3.38   YES
 DPM00055   0   0.41880E-05 368962.2 3761051.6   13.9
3.63   7.98   3.38   YES
 DPM00056   0   0.41880E-05 368976.6 3761060.9   14.0

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```
3.63      7.98      3.38      YES
 DPM00057          0   0.41880E-05   368990.8 3761070.6    14.1
3.63      7.98      3.38      YES
 DPM00058          0   0.41880E-05   369003.8 3761081.9    14.3
3.63      7.98      3.38      YES
 DPM00059          0   0.41880E-05   369016.7 3761093.1    14.4
3.63      7.98      3.38      YES
 DPM00060          0   0.41880E-05   369029.7 3761104.3    14.6
3.63      7.98      3.38      YES
 DPM00061          0   0.41880E-05   369042.7 3761115.5    14.7
3.63      7.98      3.38      YES
 DPM00062          0   0.41880E-05   369055.7 3761126.7    14.9
3.63      7.98      3.38      YES
 DPM00063          0   0.41880E-05   369068.7 3761137.9    15.0
3.63      7.98      3.38      YES
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                          *** SOURCE IDs
DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE
IDs
 -----------   -------

   ALL   DPM00001   , DPM00002   , DPM00003   ,
DPM00004   , DPM00005   , DPM00006   , DPM00007   ,
DPM00008   ,

           DPM00009   , DPM00010   , DPM00011   ,
DPM00012   , DPM00013   , DPM00014   , DPM00015   ,
DPM00016   ,

           DPM00017   , DPM00018   , DPM00019   ,
DPM00020   , DPM00021   , DPM00022   , DPM00023   ,
DPM00024   ,

           DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , DPM00029   , DPM00030   , DPM00031   ,
DPM00032   ,

           DPM00033   , DPM00034   , DPM00035   ,
DPM00036   , DPM00037   , DPM00038   , DPM00039   ,
DPM00040   ,

           DPM00041   , DPM00042   , DPM00043   ,
DPM00044   , DPM00045   , DPM00046   , DPM00047   ,
DPM00048   ,

           DPM00049   , DPM00050   , DPM00051   ,
DPM00052   , DPM00053   , DPM00054   , DPM00055   ,
DPM00056   ,

           DPM00057   , DPM00058   , DPM00059   ,
DPM00060   , DPM00061   , DPM00062   , DPM00063   ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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

             9862049. DPM00001   , DPM00002   ,
DPM00003   , DPM00004   , DPM00005   , DPM00006   ,
DPM00007   ,
 DPM00008   ,

             DPM00009   , DPM00010   , DPM00011   ,
DPM00012   , DPM00013   , DPM00014   , DPM00015   ,
DPM00016   ,

             DPM00017   , DPM00018   , DPM00019   ,
DPM00020   , DPM00021   , DPM00022   , DPM00023   ,
DPM00024   ,

             DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , DPM00029   , DPM00030   , DPM00031   ,
DPM00032   ,

             DPM00033   , DPM00034   , DPM00035   ,
DPM00036   , DPM00037   , DPM00038   , DPM00039   ,
DPM00040   ,

             DPM00041   , DPM00042   , DPM00043   ,
DPM00044   , DPM00045   , DPM00046   , DPM00047   ,
DPM00048   ,

             DPM00049   , DPM00050   , DPM00051   ,
DPM00052   , DPM00053   , DPM00054   , DPM00055   ,
DPM00056   ,

             DPM00057   , DPM00058   , DPM00059   ,
DPM00060   , DPM00061   , DPM00062   , DPM00063   ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                             *** GRIDDED RECEPTOR
NETWORK SUMMARY ***

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

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

      368518.2, 368522.2, 368526.2, 368530.2, 368534.2,
368538.1, 368542.1, 368546.1, 368550.1, 368554.1,
      368558.0, 368562.0, 368566.0, 368570.0, 368574.0,
368577.9, 368581.9, 368585.9, 368589.9, 368593.9,
      368597.8,

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

      3760846.9, 3760848.9, 3760851.0, 3760853.0, 3760855.0,
3760857.1, 3760859.1, 3760861.2, 3760863.2, 3760865.2,
      3760867.3, 3760869.3, 3760871.4, 3760873.4, 3760875.4,
3760877.5, 3760879.5, 3760881.6, 3760883.6, 3760885.6,
      3760887.7,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                        * ELEVATION
HEIGHTS IN METERS *

    Y-COORD | X-
COORD (METERS)
    (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
- -
-

  3760887.69 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760885.65 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760883.61 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760881.57 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760879.53 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760877.49 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760875.45 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760873.41 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760871.37 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760869.33 | 11.00   11.00   11.00
11.10   11.20   11.20   11.30   11.30

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```
11.40
  3760867.29 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760865.25 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760863.21 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760861.17 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760859.13 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760857.09 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760855.05 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760853.01 |            11.00          11.00          11.00
11.10          11.20          11.20          11.30          11.30
11.40
  3760850.97 |            11.00          11.00          11.10
11.10          11.20          11.20          11.30          11.30
11.40
  3760848.93 |            11.00          11.00          11.10
11.10          11.20          11.20          11.30          11.30
11.40
  3760846.89 |            11.00          11.00          11.10
11.10          11.20          11.20          11.30          11.30
11.40
```

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 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

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

                                            * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 –
– –
–

  3760887.69 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760885.65 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760883.61 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760881.57 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760879.53 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760877.49 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760875.45 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760873.41 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760871.37 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760869.33 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80

```
11.80
  3760867.29 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760865.25 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760863.21 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760861.17 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760859.13 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760857.09 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760855.05 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760853.01 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760850.97 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760848.93 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760846.89 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                        * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
 -
 -

   3760887.69 | 11.90   11.90   12.00
   3760885.65 | 11.90   11.90   12.00
   3760883.61 | 11.90   11.90   12.00
   3760881.57 | 11.90   11.90   12.00
   3760879.53 | 11.90   11.90   12.00
   3760877.49 | 11.90   11.90   12.00
   3760875.45 | 11.90   11.90   12.00
   3760873.41 | 11.90   11.90   12.00
   3760871.37 | 11.90   11.90   12.00
   3760869.33 | 11.90   11.90   12.00
   3760867.29 | 11.90   11.90   12.00
   3760865.25 | 11.90   11.90   12.00
   3760863.21 | 11.90   11.90   12.00
   3760861.17 | 11.90   11.90   12.00
   3760859.13 | 11.90   11.90   12.00
   3760857.09 | 11.90   11.90   12.00
   3760855.05 | 11.90   11.90   12.00
   3760853.01 | 11.90   11.90   12.00
   3760850.97 | 11.90   11.90   12.00
   3760848.93 | 11.90   11.90   12.00
   3760846.89 | 11.90   11.90   12.00

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET - VERSION  14134 ***    ***
***       16:19:19

PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

                                               * HILL HEIGHT
SCALES IN METERS *

    Y-COORD   |                                            X-
COORD (METERS)
    (METERS) |      368518.24    368522.22    368526.20
368530.18    368534.16    368538.14    368542.12    368546.10
368550.08
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

  3760887.69 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760885.65 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760883.61 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760881.57 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760879.53 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760877.49 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760875.45 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760873.41 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760871.37 |       11.00         11.00         11.00
11.10       11.10        11.20        11.30        11.30
11.40
  3760869.33 |       11.00         11.00         11.00
11.10       11.20        11.20        11.30        11.30
```

23

```
11.40
  3760867.29 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760865.25 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760863.21 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760861.17 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760859.13 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760857.09 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760855.05 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760853.01 |            11.00         11.00         11.00
11.10       11.20        11.20         11.30         11.30
11.40
  3760850.97 |            11.00         11.00         11.10
11.10       11.20        11.20         11.30         11.30
11.40
  3760848.93 |            11.00         11.00         11.10
11.10       11.20        11.20         11.30         11.30
11.40
  3760846.89 |            11.00         11.00         11.10
11.10       11.20        11.20         11.30         11.30
11.40
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:19:19

PAGE 11
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                                * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 –
– –
–

  3760887.69 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760885.65 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760883.61 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760881.57 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760879.53 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760877.49 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760875.45 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760873.41 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760871.37 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760869.33 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80

25

```
11.80
  3760867.29 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760865.25 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760863.21 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760861.17 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760859.13 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760857.09 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760855.05 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760853.01 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760850.97 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760848.93 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
  3760846.89 |           11.40         11.50         11.50
11.60         11.60         11.70         11.70         11.80
11.80
```

PAGE 12
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                            * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
 -
 -

  3760887.69 | 11.90   11.90   12.00
  3760885.65 | 11.90   11.90   12.00
  3760883.61 | 11.90   11.90   12.00
  3760881.57 | 11.90   11.90   12.00
  3760879.53 | 11.90   11.90   12.00
  3760877.49 | 11.90   11.90   12.00
  3760875.45 | 11.90   11.90   12.00
  3760873.41 | 11.90   11.90   12.00
  3760871.37 | 11.90   11.90   12.00
  3760869.33 | 11.90   11.90   12.00
  3760867.29 | 11.90   11.90   12.00
  3760865.25 | 11.90   11.90   12.00
  3760863.21 | 11.90   11.90   12.00
  3760861.17 | 11.90   11.90   12.00
  3760859.13 | 11.90   11.90   12.00
  3760857.09 | 11.90   11.90   12.00
  3760855.05 | 11.90   11.90   12.00
  3760853.01 | 11.90   11.90   12.00
  3760850.97 | 11.90   11.90   12.00
  3760848.93 | 11.90   11.90   12.00
  3760846.89 | 11.90   11.90   12.00

PAGE 13
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(METERS)

     (367892.3, 3760313.0,   8.8,   8.8,   0.0);
(367870.4, 3761367.8,   8.0,   8.0,   0.0);
     (369383.0, 3761298.2,   18.0,   18.0,   0.0);
(369322.5, 3760422.9,   19.2,   19.2,   0.0);
     (368631.8, 3760876.3,   12.0,   12.0,   0.0);
(368495.2, 3760864.4,   11.0,   11.0,   0.0);
     (368451.2, 3760814.1,   11.0,   11.0,   0.0);
(368530.4, 3760816.1,   11.1,   11.1,   0.0);
     (368075.8, 3761058.8,   9.2,   9.2,   0.0);

PAGE 14
 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

                          * SOURCE–RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
                          LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL

                              SOURCE   – – RECEPTOR
LOCATION – –   DISTANCE
                               ID   XR (METERS)   YR
(METERS)   (METERS)
                          –
– – – – – – – – – – –

                          DPM00001   368075.8
3761058.8   –15.24

PAGE 15
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                       *** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***
                                                          (1
=YES; 0=NO)

          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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

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

(METERS/SEC)

                                          1.54,   3.09,
5.14,   8.23,   10.80,

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***         16:19:19


PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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


   Surface file:   laxh8.sfc
Met Version: 14134
   Profile file:   laxh8.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:          0                   Upper air
station no.:      3190
                     Name: UNKNOWN
Name: UNKNOWN
                     Year:   2007
Year:   2007


 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 07 01 01   1 01   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00  1.00   1.30   25.   9.1  282.5    5.5
 07 01 01   1 02   -3.2  0.071 -9.000 -9.000 -999.   45.    10.0
0.23  1.00  1.00   1.30   39.   9.1  282.5    5.5
 07 01 01   1 03   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00  1.00   1.30   48.   9.1  282.5    5.5
 07 01 01   1 04   -3.7  0.071 -9.000 -9.000 -999.   45.     8.6
0.23  1.00  1.00   1.30   49.   9.1  282.0    5.5
 07 01 01   1 05   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00  1.00   1.30   52.   9.1  282.0    5.5
 07 01 01   1 06   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23  1.00  1.00   1.30   28.   9.1  281.4    5.5
 07 01 01   1 07   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23  1.00  1.00   1.30   69.   9.1  281.4    5.5
 07 01 01   1 08   -2.0  0.049 -9.000 -9.000 -999.   26.     5.4
0.23  1.00  0.53   0.90   64.   9.1  280.9    5.5
 07 01 01   1 09   25.4  0.176  0.494  0.005  171.  178.   -19.4
0.23  1.00  0.30   1.30   75.   9.1  283.8    5.5
 07 01 01   1 10   79.7  0.248  1.040  0.005  508.  297.   -17.2
0.23  1.00  0.22   1.80   85.   9.1  285.9    5.5
 07 01 01   1 11  114.2  0.257  1.365  0.007  803.  313.   -13.4
0.23  1.00  0.19   1.80  110.   9.1  288.8    5.5
 07 01 01   1 12  133.3  0.300  1.593  0.018 1091.  395.   -18.3
0.23  1.00  0.18   2.20  111.   9.1  289.9    5.5
```

```
 07 01 01   1 13  131.8  0.389  1.659  0.022 1247.  581.    -40.1
0.23   1.00   0.18    3.10  243.    9.1  288.8    5.5
 07 01 01   1 14  110.8  0.345  1.573  0.021 1264.  487.    -33.3
0.23   1.00   0.19    2.70  244.    9.1  289.2    5.5
 07 01 01   1 15   78.6  0.375  1.407  0.021 1276.  551.    -60.4
0.23   1.00   0.22    3.10  222.    9.1  289.2    5.5
 07 01 01   1 16   30.6  0.318  1.028  0.021 1278.  431.    -94.1
0.23   1.00   0.31    2.70  242.    9.1  289.9    5.5
 07 01 01   1 17   -8.0  0.098 -9.000 -9.000 -999.  143.     10.6
0.23   1.00   0.57    1.80  219.    9.1  288.8    5.5
 07 01 01   1 18   -2.1  0.049 -9.000 -9.000 -999.   36.      5.1
0.23   1.00   1.00    0.90  141.    9.1  286.4    5.5
 07 01 01   1 19   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90   75.    9.1  286.4    5.5
 07 01 01   1 20   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90  333.    9.1  287.5    5.5
 07 01 01   1 21   -4.5  0.071 -9.000 -9.000 -999.   45.      7.1
0.23   1.00   1.00    1.30   85.    9.1  286.4    5.5
 07 01 01   1 22   -4.5  0.071 -9.000 -9.000 -999.   45.      7.1
0.23   1.00   1.00    1.30   83.    9.1  286.4    5.5
 07 01 01   1 23   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90  299.    9.1  286.4    5.5
 07 01 01   1 24   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90   59.    9.1  285.4    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA   sigmaW
sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   282.6
99.0  -99.00  -99.00
 07 01 01 01    9.1 1   25.    1.30  -999.0
99.0  -99.00  -99.00

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

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:19:19

PAGE 17
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                    *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
 -
 -

  3760887.69 | 0.01147   0.01152   0.01158
0.01164   0.01168   0.01174   0.01179   0.01182
0.01187
  3760885.65 | 0.01109   0.01114   0.01119
0.01125   0.01129   0.01134   0.01139   0.01142
0.01146
  3760883.61 | 0.01073   0.01078   0.01083
0.01088   0.01092   0.01097   0.01101   0.01105
0.01108
  3760881.57 | 0.01040   0.01045   0.01049
0.01054   0.01058   0.01062   0.01066   0.01069
0.01073
  3760879.53 | 0.01009   0.01013   0.01017
0.01022   0.01026   0.01030   0.01033   0.01036

```
0.01039
   3760877.49 |        0.00979       0.00983       0.00987
0.00992       0.00995       0.00999       0.01002       0.01005
0.01008
   3760875.45 |        0.00951       0.00955       0.00959
0.00963       0.00966       0.00970       0.00973       0.00976
0.00978
   3760873.41 |        0.00925       0.00929       0.00932
0.00936       0.00939       0.00942       0.00945       0.00948
0.00951
   3760871.37 |        0.00900       0.00904       0.00907
0.00910       0.00913       0.00917       0.00919       0.00922
0.00924
   3760869.33 |        0.00876       0.00880       0.00883
0.00886       0.00889       0.00892       0.00895       0.00897
0.00899
   3760867.29 |        0.00854       0.00857       0.00860
0.00863       0.00866       0.00869       0.00871       0.00873
0.00875
   3760865.25 |        0.00833       0.00836       0.00838
0.00841       0.00844       0.00846       0.00849       0.00851
0.00853
   3760863.21 |        0.00812       0.00815       0.00818
0.00820       0.00823       0.00825       0.00828       0.00829
0.00831
   3760861.17 |        0.00793       0.00795       0.00798
0.00801       0.00803       0.00805       0.00807       0.00809
0.00811
   3760859.13 |        0.00774       0.00777       0.00779
0.00782       0.00784       0.00786       0.00788       0.00790
0.00792
   3760857.09 |        0.00756       0.00759       0.00761
0.00764       0.00766       0.00768       0.00770       0.00771
0.00773
   3760855.05 |        0.00739       0.00742       0.00744
0.00746       0.00748       0.00750       0.00752       0.00754
0.00755
   3760853.01 |        0.00723       0.00725       0.00727
0.00730       0.00732       0.00733       0.00735       0.00737
0.00738
   3760850.97 |        0.00707       0.00710       0.00712
0.00714       0.00716       0.00717       0.00719       0.00720
0.00722
   3760848.93 |        0.00692       0.00694       0.00697
0.00698       0.00700       0.00702       0.00704       0.00705
0.00706
   3760846.89 |        0.00678       0.00680       0.00682
0.00684       0.00686       0.00687       0.00689       0.00690
0.00691
```

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***      04/25/17
 *** AERMET - VERSION  14134 ***   ***
***         16:19:19


PAGE  18
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                    *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

    Y-COORD  |                                      X-
COORD (METERS)
    (METERS) |    368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

  3760887.69 |     0.01190    0.01194    0.01196
0.01199    0.01200    0.01202    0.01203    0.01204
0.01203
  3760885.65 |     0.01149    0.01152    0.01155
0.01157    0.01159    0.01160    0.01161    0.01161
0.01161
  3760883.61 |     0.01111    0.01114    0.01116
0.01118    0.01120    0.01121    0.01122    0.01122
0.01122
  3760881.57 |     0.01075    0.01078    0.01080
0.01082    0.01083    0.01085    0.01085    0.01086
0.01085
  3760879.53 |     0.01042    0.01044    0.01046
0.01048    0.01049    0.01050    0.01051    0.01051
```

35

```
0.01051
   3760877.49 |        0.01010        0.01013        0.01014
0.01016       0.01017        0.01018        0.01019        0.01019
0.01018
   3760875.45 |        0.00981        0.00983        0.00984
0.00986       0.00987        0.00988        0.00988        0.00988
0.00988
   3760873.41 |        0.00952        0.00955        0.00956
0.00957       0.00958        0.00959        0.00960        0.00960
0.00959
   3760871.37 |        0.00926        0.00928        0.00929
0.00931       0.00931        0.00932        0.00933        0.00933
0.00932
   3760869.33 |        0.00901        0.00903        0.00904
0.00905       0.00906        0.00907        0.00907        0.00907
0.00907
   3760867.29 |        0.00877        0.00879        0.00880
0.00881       0.00882        0.00882        0.00883        0.00883
0.00882
   3760865.25 |        0.00854        0.00856        0.00857
0.00858       0.00859        0.00859        0.00860        0.00860
0.00859
   3760863.21 |        0.00833        0.00834        0.00835
0.00836       0.00837        0.00838        0.00838        0.00838
0.00838
   3760861.17 |        0.00812        0.00814        0.00815
0.00816       0.00816        0.00817        0.00817        0.00817
0.00817
   3760859.13 |        0.00793        0.00794        0.00795
0.00796       0.00797        0.00797        0.00797        0.00797
0.00797
   3760857.09 |        0.00774        0.00775        0.00776
0.00777       0.00778        0.00778        0.00778        0.00778
0.00778
   3760855.05 |        0.00756        0.00758        0.00758
0.00759       0.00760        0.00760        0.00760        0.00760
0.00760
   3760853.01 |        0.00739        0.00740        0.00741
0.00742       0.00742        0.00743        0.00743        0.00743
0.00743
   3760850.97 |        0.00723        0.00724        0.00725
0.00725       0.00726        0.00726        0.00726        0.00726
0.00726
   3760848.93 |        0.00707        0.00708        0.00709
0.00710       0.00710        0.00710        0.00710        0.00710
0.00710
   3760846.89 |        0.00692        0.00693        0.00694
0.00694       0.00695        0.00695        0.00695        0.00695
0.00695
```

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET - VERSION  14134 ***    ***
***          16:19:19


PAGE  19
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL       ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004     ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008     ,
DPM00009    , DPM00010    , DPM00011    , DPM00012     ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016     ,
DPM00017    , DPM00018    , DPM00019    , DPM00020     ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024     ,
DPM00025    , DPM00026    , DPM00027     ,
DPM00028    ,  . . .      ,


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


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

    Y-COORD  |                                          X-
COORD (METERS)
    (METERS) |    368589.88    368593.86    368597.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

  3760887.69 |     0.01203      0.01201      0.01199
  3760885.65 |     0.01161      0.01159      0.01157
  3760883.61 |     0.01121      0.01120      0.01118
  3760881.57 |     0.01085      0.01083      0.01082
  3760879.53 |     0.01050      0.01049      0.01048
  3760877.49 |     0.01018      0.01017      0.01015
  3760875.45 |     0.00988      0.00986      0.00985
  3760873.41 |     0.00959      0.00958      0.00957
  3760871.37 |     0.00932      0.00931      0.00930
  3760869.33 |     0.00906      0.00905      0.00904
  3760867.29 |     0.00882      0.00881      0.00880
  3760865.25 |     0.00859      0.00858      0.00857
  3760863.21 |     0.00837      0.00836      0.00835
  3760861.17 |     0.00816      0.00816      0.00815
  3760859.13 |     0.00797      0.00796      0.00795
  3760857.09 |     0.00778      0.00777      0.00776
```

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3760855.05 |        0.00760        0.00759        0.00758
3760853.01 |        0.00742        0.00742        0.00741
3760850.97 |        0.00726        0.00725        0.00724
3760848.93 |        0.00710        0.00709        0.00709
3760846.89 |        0.00695        0.00694        0.00693
```

PAGE 20
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                    *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

                                        *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

      X–COORD (M)   Y–COORD (M)   CONC
X–COORD (M)   Y–COORD (M)   CONC
 -
- -
      367892.35   3760313.03   0.00049
367870.38   3761367.80   0.00078
      369382.95   3761298.22   0.00117
369322.52   3760422.90   0.00045
      368631.85   3760876.26   0.00970
368495.18   3760864.36   0.00803
      368451.25   3760814.12   0.00476
368530.38   3760816.06   0.00517
      368075.78   3761058.78   0.01120

```
 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***      04/25/17
 *** AERMET – VERSION  14134 ***   ***
***       16:19:19


PAGE  21
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                             *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                          INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004     ,
DPM00005    ,
             DPM00006    , DPM00007    , DPM00008     ,
DPM00009    , DPM00010    , DPM00011    , DPM00012     ,
DPM00013    ,
             DPM00014    , DPM00015    , DPM00016     ,
DPM00017    , DPM00018    , DPM00019    , DPM00020     ,
DPM00021    ,
             DPM00022    , DPM00023    , DPM00024     ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .     ,


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


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

  Y-COORD  |                                     X-
COORD (METERS)
  (METERS) |     368518.24            368522.22
368526.20            368530.18            368534.16
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |     0.03643 (10011716)     0.03656 (10011716)
0.03668 (10011716)     0.03681 (10011716)     0.03690
(10011716)
 3760885.6 |     0.03539 (10011716)     0.03551 (10011716)
0.03562 (10011716)     0.03574 (10011716)     0.03583
(10011716)
 3760883.6 |     0.03440 (10011716)     0.03451 (10011716)
0.03461 (10011716)     0.03473 (10011716)     0.03482
(10011716)
 3760881.6 |     0.03347 (10011716)     0.03357 (10011716)
0.03367 (10011716)     0.03377 (10011716)     0.03386
(10011716)
 3760879.5 |     0.03258 (10011716)     0.03268 (10011716)
0.03277 (10011716)     0.03287 (10011716)     0.03295
(10011716)
```

40

```
3760877.5 |      0.03174 (10011716)      0.03183 (10011716)
0.03192 (10011716)     0.03201 (10011716)      0.03208
(10011716)
 3760875.4 |      0.03094 (10011716)      0.03103 (10011716)
0.03111 (10011716)     0.03120 (10011716)      0.03127
(10011716)
 3760873.4 |      0.03018 (10011716)      0.03027 (10011716)
0.03034 (10011716)     0.03042 (10011716)      0.03049
(10011716)
 3760871.4 |      0.02946 (10011716)      0.02954 (10011716)
0.02961 (10011716)     0.02969 (10011716)      0.02975
(10011716)
 3760869.3 |      0.02877 (10011716)      0.02885 (10011716)
0.02891 (10011716)     0.02898 (10011716)      0.02905
(10011716)
 3760867.3 |      0.02812 (10011716)      0.02818 (10011716)
0.02825 (10011716)     0.02832 (10011716)      0.02838
(10011716)
 3760865.2 |      0.02749 (10011716)      0.02755 (10011716)
0.02761 (10011716)     0.02768 (10011716)      0.02774
(10011716)
 3760863.2 |      0.02689 (10011716)      0.02695 (10011716)
0.02701 (10011716)     0.02707 (10011716)      0.02712
(10011716)
 3760861.2 |      0.02631 (10011716)      0.02637 (10011716)
0.02643 (10011716)     0.02648 (10011716)      0.02654
(10011716)
 3760859.1 |      0.02576 (10011716)      0.02582 (10011716)
0.02587 (10011716)     0.02593 (10011716)      0.02598
(10011716)
 3760857.1 |      0.02523 (10011716)      0.02529 (10011716)
0.02534 (10011716)     0.02539 (10011716)      0.02544
(10011716)
 3760855.0 |      0.02472 (10011716)      0.02478 (10011716)
0.02483 (10011716)     0.02487 (10011716)      0.02492
(10011716)
 3760853.0 |      0.02424 (10011716)      0.02428 (10011716)
0.02433 (10011716)     0.02438 (10011716)      0.02442
(10011716)
 3760851.0 |      0.02376 (10011716)      0.02381 (10011716)
0.02386 (10011716)     0.02390 (10011716)      0.02394
(10011716)
 3760848.9 |      0.02331 (10011716)      0.02336 (10011716)
0.02340 (10011716)     0.02344 (10011716)      0.02348
(10011716)
 3760846.9 |      0.02287 (10011716)      0.02292 (10011716)
0.02296 (10011716)     0.02300 (10011716)      0.02303
(10011716)
```

 PAGE 22
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368538.14   368542.12
368546.10   368550.08   368554.06
 -
 -
 -

 3760887.7 | 0.03702 (10011716)   0.03712 (10011716)
0.03720 (10011716)   0.03729 (10011716)   0.03737
(10011716)
 3760885.6 | 0.03594 (10011716)   0.03603 (10011716)
0.03611 (10011716)   0.03620 (10011716)   0.03627
(10011716)
 3760883.6 | 0.03492 (10011716)   0.03501 (10011716)
0.03508 (10011716)   0.03516 (10011716)   0.03523
(10011716)
 3760881.6 | 0.03395 (10011716)   0.03403 (10011716)
0.03411 (10011716)   0.03418 (10011716)   0.03425
(10011716)
 3760879.5 | 0.03304 (10011716)   0.03311 (10011716)
0.03318 (10011716)   0.03325 (10011716)   0.03332
(10011716)

42

```
3760877.5 |      0.03217 (10011716)      0.03224 (10011716)
0.03231 (10011716)      0.03238 (10011716)      0.03243
(10011716)
3760875.4 |      0.03135 (10011716)      0.03142 (10011716)
0.03148 (10011716)      0.03154 (10011716)      0.03160
(10011716)
3760873.4 |      0.03056 (10011716)      0.03063 (10011716)
0.03069 (10011716)      0.03075 (10011716)      0.03080
(10011716)
3760871.4 |      0.02982 (10011716)      0.02988 (10011716)
0.02994 (10011716)      0.02999 (10011716)      0.03005
(10011716)
3760869.3 |      0.02911 (10011716)      0.02917 (10011716)
0.02922 (10011716)      0.02928 (10011716)      0.02933
(10011716)
3760867.3 |      0.02844 (10011716)      0.02849 (10011716)
0.02854 (10011716)      0.02859 (10011716)      0.02864
(10011716)
3760865.2 |      0.02779 (10011716)      0.02784 (10011716)
0.02789 (10011716)      0.02794 (10011716)      0.02798
(10011716)
3760863.2 |      0.02718 (10011716)      0.02722 (10011716)
0.02727 (10011716)      0.02731 (10011716)      0.02736
(10011716)
3760861.2 |      0.02659 (10011716)      0.02663 (10011716)
0.02668 (10011716)      0.02672 (10011716)      0.02676
(10011716)
3760859.1 |      0.02602 (10011716)      0.02607 (10011716)
0.02611 (10011716)      0.02615 (10011716)      0.02618
(10011716)
3760857.1 |      0.02548 (10011716)      0.02552 (10011716)
0.02556 (10011716)      0.02560 (10011716)      0.02563
(10011716)
3760855.0 |      0.02496 (10011716)      0.02500 (10011716)
0.02504 (10011716)      0.02507 (10011716)      0.02511
(10011716)
3760853.0 |      0.02446 (10011716)      0.02450 (10011716)
0.02454 (10011716)      0.02457 (10011716)      0.02460
(10011716)
3760851.0 |      0.02398 (10011716)      0.02401 (10011716)
0.02405 (10011716)      0.02408 (10011716)      0.02411
(10011716)
3760848.9 |      0.02352 (10011716)      0.02355 (10011716)
0.02358 (10011716)      0.02361 (10011716)      0.02364
(10011716)
3760846.9 |      0.02307 (10011716)      0.02310 (10011716)
0.02313 (10011716)      0.02316 (10011716)      0.02318
(10011716)
```

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:19:19
```

```
PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                  *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

   Y-COORD  |                                             X-
COORD (METERS)
   (METERS) |       368558.04             368562.02
368566.00             368569.98             368573.96
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.03745 (10011716)     0.03752 (10011716)
0.03758 (10011716)     0.03762 (10011716)     0.03764
(10011716)
 3760885.6 |     0.03634 (10011716)     0.03641 (10011716)
0.03648 (10011716)     0.03651 (10011716)     0.03653
(10011716)
 3760883.6 |     0.03530 (10011716)     0.03536 (10011716)
0.03543 (10011716)     0.03546 (10011716)     0.03547
(10011716)
 3760881.6 |     0.03431 (10011716)     0.03437 (10011716)
0.03444 (10011716)     0.03447 (10011716)     0.03448
(10011716)
 3760879.5 |     0.03338 (10011716)     0.03343 (10011716)
0.03350 (10011716)     0.03353 (10011716)     0.03354
(10011716)
```

```
3760877.5 |      0.03249 (10011716)      0.03255 (10011716)
0.03261 (10011716)     0.03263 (10011716)      0.03265
(10011716)
3760875.4 |      0.03165 (10011716)      0.03170 (10011716)
0.03177 (10011716)     0.03179 (10011716)      0.03180
(10011716)
3760873.4 |      0.03085 (10011716)      0.03090 (10011716)
0.03096 (10011716)     0.03098 (10011716)      0.03099
(10011716)
3760871.4 |      0.03009 (10011716)      0.03014 (10011716)
0.03020 (10011716)     0.03022 (10011716)      0.03023
(10011716)
3760869.3 |      0.02937 (10011716)      0.02941 (10011716)
0.02947 (10011716)     0.02949 (10011716)      0.02950
(10011716)
3760867.3 |      0.02868 (10011716)      0.02872 (10011716)
0.02878 (10011716)     0.02879 (10011716)      0.02880
(10011716)
3760865.2 |      0.02802 (10011716)      0.02806 (10011716)
0.02812 (10011716)     0.02813 (10011716)      0.02814
(10011716)
3760863.2 |      0.02739 (10011716)      0.02743 (10011716)
0.02748 (10011716)     0.02749 (10011716)      0.02751
(10011716)
3760861.2 |      0.02679 (10011716)      0.02682 (10011716)
0.02688 (10011716)     0.02689 (10011716)      0.02690
(10011716)
3760859.1 |      0.02621 (10011716)      0.02624 (10011716)
0.02630 (10011716)     0.02631 (10011716)      0.02632
(10011716)
3760857.1 |      0.02566 (10011716)      0.02569 (10011716)
0.02574 (10011716)     0.02575 (10011716)      0.02576
(10011716)
3760855.0 |      0.02513 (10011716)      0.02516 (10011716)
0.02521 (10011716)     0.02522 (10011716)      0.02523
(10011716)
3760853.0 |      0.02462 (10011716)      0.02465 (10011716)
0.02470 (10011716)     0.02470 (10011716)      0.02472
(10011716)
3760851.0 |      0.02413 (10011716)      0.02415 (10011716)
0.02421 (10011716)     0.02421 (10011716)      0.02422
(10011716)
3760848.9 |      0.02366 (10011716)      0.02368 (10011716)
0.02373 (10011716)     0.02374 (10011716)      0.02375
(10011716)
3760846.9 |      0.02320 (10011716)      0.02322 (10011716)
0.02327 (10011716)     0.02328 (10011716)      0.02329
(10011716)
```

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET – VERSION  14134 ***    ***
***          16:19:19


PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                               *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004     ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .    ,


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


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

   Y-COORD  |                                         X-
COORD (METERS)
   (METERS) |       368577.94            368581.92
368585.90            368589.88            368593.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |     0.03766 (10011716)     0.03767 (10011716)
0.03765 (10011716)     0.03761 (10011716)     0.03755
(10011716)
 3760885.6 |     0.03654 (10011716)     0.03655 (10011716)
0.03653 (10011716)     0.03648 (10011716)     0.03643
(10011716)
 3760883.6 |     0.03549 (10011716)     0.03550 (10011716)
0.03547 (10011716)     0.03543 (10011716)     0.03537
(10011716)
 3760881.6 |     0.03449 (10011716)     0.03450 (10011716)
0.03447 (10011716)     0.03443 (10011716)     0.03437
(10011716)
 3760879.5 |     0.03354 (10011716)     0.03355 (10011716)
0.03352 (10011716)     0.03348 (10011716)     0.03343
(10011716)


                              46
```

```
3760877.5 |      0.03265 (10011716)      0.03266 (10011716)
0.03263 (10011716)     0.03259 (10011716)     0.03253
(10011716)
 3760875.4 |      0.03180 (10011716)      0.03181 (10011716)
0.03178 (10011716)     0.03174 (10011716)     0.03168
(10011716)
 3760873.4 |      0.03099 (10011716)      0.03100 (10011716)
0.03097 (10011716)     0.03093 (10011716)     0.03088
(10011716)
 3760871.4 |      0.03022 (10011716)      0.03023 (10011716)
0.03020 (10011716)     0.03017 (10011716)     0.03011
(10011716)
 3760869.3 |      0.02949 (10011716)      0.02950 (10011716)
0.02947 (10011716)     0.02944 (10011716)     0.02938
(10011716)
 3760867.3 |      0.02880 (10011716)      0.02881 (10011716)
0.02878 (10011716)     0.02874 (10011716)     0.02869
(10011716)
 3760865.2 |      0.02813 (10011716)      0.02814 (10011716)
0.02811 (10011716)     0.02808 (10011716)     0.02803
(10011716)
 3760863.2 |      0.02750 (10011716)      0.02751 (10011716)
0.02748 (10011716)     0.02745 (10011716)     0.02740
(10011716)
 3760861.2 |      0.02689 (10011716)      0.02690 (10011716)
0.02687 (10011716)     0.02684 (10011716)     0.02679
(10011716)
 3760859.1 |      0.02631 (10011716)      0.02632 (10011716)
0.02629 (10011716)     0.02626 (10011716)     0.02621
(10011716)
 3760857.1 |      0.02575 (10011716)      0.02577 (10011716)
0.02573 (10011716)     0.02571 (10011716)     0.02566
(10011716)
 3760855.0 |      0.02522 (10011716)      0.02523 (10011716)
0.02520 (10011716)     0.02518 (10011716)     0.02513
(10011716)
 3760853.0 |      0.02471 (10011716)      0.02472 (10011716)
0.02469 (10011716)     0.02467 (10011716)     0.02462
(10011716)
 3760851.0 |      0.02421 (10011716)      0.02422 (10011716)
0.02419 (10011716)     0.02417 (10011716)     0.02413
(10011716)
 3760848.9 |      0.02374 (10011716)      0.02375 (10011716)
0.02372 (10011716)     0.02370 (10011716)     0.02366
(10011716)
 3760846.9 |      0.02328 (10011716)      0.02329 (10011716)
0.02326 (10011716)     0.02324 (10011716)     0.02320
(10011716)
```

PAGE 25
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368597.84
 -
 -
 -

 3760887.7 | 0.03747 (10011716)
 3760885.6 | 0.03635 (10011716)
 3760883.6 | 0.03530 (10011716)
 3760881.6 | 0.03430 (10011716)
 3760879.5 | 0.03336 (10011716)
 3760877.5 | 0.03247 (10011716)
 3760875.4 | 0.03162 (10011716)
 3760873.4 | 0.03082 (10011716)
 3760871.4 | 0.03006 (10011716)
 3760869.3 | 0.02933 (10011716)
 3760867.3 | 0.02864 (10011716)
 3760865.2 | 0.02798 (10011716)
 3760863.2 | 0.02735 (10011716)
 3760861.2 | 0.02675 (10011716)
 3760859.1 | 0.02617 (10011716)
 3760857.1 | 0.02562 (10011716)

```
3760855.0 |        0.02509 (10011716)
3760853.0 |        0.02459 (10011716)
3760851.0 |        0.02410 (10011716)
3760848.9 |        0.02363 (10011716)
3760846.9 |        0.02317 (10011716)
```

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***      04/25/17
 *** AERMET – VERSION  14134 ***    ***
***        16:19:19

PAGE  26
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN

                              *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL       ***
                            INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003   , DPM00004    ,
DPM00005    ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009    , DPM00010   , DPM00011   , DPM00012   ,
DPM00013    ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017    , DPM00018   , DPM00019   , DPM00020   ,
DPM00021    ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025    , DPM00026   , DPM00027   ,
DPM00028    , . . .    ,


                                 *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

     X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-
      367892.35   3760313.03       0.00192 (11112624)
367870.38   3761367.80       0.00295 (07010522)
      369382.95   3761298.22       0.00680 (07090723)
369322.52   3760422.90       0.00525 (07061024)
      368631.85   3760876.26       0.03092 (10011716)
368495.18   3760864.36       0.02678 (10011716)
      368451.25   3760814.12       0.01675 (10011716)
368530.38   3760816.06       0.01783 (10011716)
      368075.78   3761058.78       0.07740 (10100517)
```

PAGE 27
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                    *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368518.24   368522.22
368526.20   368530.18   368534.16
 -
- -
-

 3760887.7 | 0.02151m(11121624)   0.02161m(11121624)
0.02171m(11121624)   0.02181m(11121624)
0.02190m(11121624)
 3760885.6 | 0.02080m(11121624)   0.02090m(11121624)
0.02100m(11121624)   0.02109m(11121624)
0.02117m(11121624)
 3760883.6 | 0.02015m(11121624)   0.02024m(11121624)
0.02032m(11121624)   0.02041m(11121624)
0.02049m(11121624)
 3760881.6 | 0.01953m(11121624)   0.01962m(11121624)
0.01970m(11121624)   0.01978m(11121624)
0.01985m(11121624)
 3760879.5 | 0.01895m(11121624)   0.01903m(11121624)
0.01911m(11121624)   0.01918m(11121624)
0.01925m(11121624)

```
 3760877.5 |      0.01840m(11121624)        0.01848m(11121624)
0.01855m(11121624)     0.01862m(11121624)
0.01869m(11121624)
 3760875.4 |      0.01788m(11121624)        0.01796m(11121624)
0.01802m(11121624)     0.01809m(11121624)
0.01815m(11121624)
 3760873.4 |      0.01740m(11121624)        0.01746m(11121624)
0.01753m(11121624)     0.01759m(11121624)
0.01765m(11121624)
 3760871.4 |      0.01693m(11121624)        0.01700m(11121624)
0.01706m(11121624)     0.01712m(11121624)
0.01717m(11121624)
 3760869.3 |      0.01650m(11121624)        0.01656m(11121624)
0.01661m(11121624)     0.01667m(11121624)
0.01673m(11121624)
 3760867.3 |      0.01608m(11121624)        0.01614m(11121624)
0.01619m(11121624)     0.01625m(11121624)
0.01630m(11121624)
 3760865.2 |      0.01568m(11121624)        0.01574m(11121624)
0.01579m(11121624)     0.01584m(11121624)
0.01589m(11121624)
 3760863.2 |      0.01530m(11121624)        0.01536m(11121624)
0.01541m(11121624)     0.01546m(11121624)
0.01550m(11121624)
 3760861.2 |      0.01494m(11121624)        0.01499m(11121624)
0.01504m(11121624)     0.01509m(11121624)
0.01513m(11121624)
 3760859.1 |      0.01460m(11121624)        0.01465m(11121624)
0.01469m(11121624)     0.01474m(11121624)
0.01478m(11121624)
 3760857.1 |      0.01427m(11121624)        0.01432m(11121624)
0.01436m(11121624)     0.01440m(11121624)
0.01444m(11121624)
 3760855.0 |      0.01395m(11121624)        0.01400m(11121624)
0.01404m(11121624)     0.01408m(11121624)
0.01412m(11121624)
 3760853.0 |      0.01365m(11121624)        0.01369m(11121624)
0.01373m(11121624)     0.01377m(11121624)
0.01381m(11121624)
 3760851.0 |      0.01336m(11121624)        0.01340m(11121624)
0.01344m(11121624)     0.01348m(11121624)
0.01351m(11121624)
 3760848.9 |      0.01309m(11121624)        0.01312m(11121624)
0.01316m(11121624)     0.01320m(11121624)
0.01323m(11121624)
 3760846.9 |      0.01282m(11121624)        0.01285m(11121624)
0.01289m(11121624)     0.01292m(11121624)
0.01296m(11121624)
```

PAGE 28
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368538.14   368542.12
368546.10   368550.08   368554.06
 -
- -
-

 3760887.7 | 0.02199m(11121624)   0.02208m(11121624)
0.02215m(11121624)   0.02222m(11121624)
0.02228m(11121624)
 3760885.6 | 0.02126m(11121624)   0.02133m(11121624)
0.02140m(11121624)   0.02147m(11121624)
0.02152m(11121624)
 3760883.6 | 0.02057m(11121624)   0.02064m(11121624)
0.02070m(11121624)   0.02076m(11121624)
0.02081m(11121624)
 3760881.6 | 0.01992m(11121624)   0.01999m(11121624)
0.02005m(11121624)   0.02011m(11121624)
0.02015m(11121624)
 3760879.5 | 0.01932m(11121624)   0.01938m(11121624)
0.01944m(11121624)   0.01949m(11121624)
0.01953m(11121624)

```
 3760877.5 |      0.01875m(11121624)      0.01881m(11121624)
0.01886m(11121624)    0.01891m(11121624)
0.01895m(11121624)
 3760875.4 |      0.01821m(11121624)      0.01827m(11121624)
0.01832m(11121624)    0.01836m(11121624)
0.01840m(11121624)
 3760873.4 |      0.01771m(11121624)      0.01776m(11121624)
0.01780m(11121624)    0.01785m(11121624)
0.01788m(11121624)
 3760871.4 |      0.01723m(11121624)      0.01728m(11121624)
0.01732m(11121624)    0.01736m(11121624)
0.01739m(11121624)
 3760869.3 |      0.01677m(11121624)      0.01682m(11121624)
0.01686m(11121624)    0.01690m(11121624)
0.01693m(11121624)
 3760867.3 |      0.01634m(11121624)      0.01639m(11121624)
0.01642m(11121624)    0.01646m(11121624)
0.01649m(11121624)
 3760865.2 |      0.01593m(11121624)      0.01597m(11121624)
0.01601m(11121624)    0.01604m(11121624)
0.01607m(11121624)
 3760863.2 |      0.01554m(11121624)      0.01558m(11121624)
0.01561m(11121624)    0.01565m(11121624)
0.01567m(11121624)
 3760861.2 |      0.01517m(11121624)      0.01521m(11121624)
0.01524m(11121624)    0.01527m(11121624)
0.01529m(11121624)
 3760859.1 |      0.01481m(11121624)      0.01485m(11121624)
0.01488m(11121624)    0.01491m(11121624)
0.01493m(11121624)
 3760857.1 |      0.01448m(11121624)      0.01451m(11121624)
0.01454m(11121624)    0.01457m(11121624)
0.01459m(11121624)
 3760855.0 |      0.01415m(11121624)      0.01418m(11121624)
0.01421m(11121624)    0.01424m(11121624)
0.01426m(11121624)
 3760853.0 |      0.01384m(11121624)      0.01387m(11121624)
0.01390m(11121624)    0.01392m(11121624)
0.01394m(11121624)
 3760851.0 |      0.01354m(11121624)      0.01357m(11121624)
0.01360m(11121624)    0.01362m(11121624)
0.01364m(11121624)
 3760848.9 |      0.01326m(11121624)      0.01329m(11121624)
0.01331m(11121624)    0.01333m(11121624)
0.01335m(11121624)
 3760846.9 |      0.01298m(11121624)      0.01301m(11121624)
0.01303m(11121624)    0.01305m(11121624)
0.01307m(11121624)
```

PAGE 29
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368558.04   368562.02
368566.00   368569.98   368573.96
 -
 -
 -

 3760887.7 | 0.02233m(11121624)   0.02238m(11121624)
0.02242m(11121624)   0.02245m(11121624)
0.02248m(11121624)
 3760885.6 | 0.02157m(11121624)   0.02161m(11121624)
0.02165m(11121624)   0.02168m(11121624)
0.02171m(11121624)
 3760883.6 | 0.02086m(11121624)   0.02090m(11121624)
0.02094m(11121624)   0.02096m(11121624)
0.02098m(11121624)
 3760881.6 | 0.02020m(11121624)   0.02023m(11121624)
0.02027m(11121624)   0.02029m(11121624)
0.02031m(11121624)
 3760879.5 | 0.01957m(11121624)   0.01961m(11121624)
0.01964m(11121624)   0.01966m(11121624)
0.01967m(11121624)

55

```
3760877.5 |       0.01899m(11121624)       0.01902m(11121624)
0.01905m(11121624)      0.01906m(11121624)
0.01908m(11121624)
 3760875.4 |       0.01844m(11121624)       0.01846m(11121624)
0.01849m(11121624)      0.01851m(11121624)
0.01852m(11121624)
 3760873.4 |       0.01792m(11121624)       0.01794m(11121624)
0.01797m(11121624)      0.01798m(11121624)
0.01799m(11121624)
 3760871.4 |       0.01742m(11121624)       0.01745m(11121624)
0.01747m(11121624)      0.01748m(11121624)
0.01750m(11121624)
 3760869.3 |       0.01696m(11121624)       0.01698m(11121624)
0.01700m(11121624)      0.01701m(11121624)
0.01702m(11121624)
 3760867.3 |       0.01652m(11121624)       0.01654m(11121624)
0.01656m(11121624)      0.01657m(11121624)
0.01658m(11121624)
 3760865.2 |       0.01610m(11121624)       0.01612m(11121624)
0.01613m(11121624)      0.01614m(11121624)
0.01615m(11121624)
 3760863.2 |       0.01570m(11121624)       0.01572m(11121624)
0.01573m(11121624)      0.01574m(11121624)
0.01575m(11121624)
 3760861.2 |       0.01532m(11121624)       0.01533m(11121624)
0.01535m(11121624)      0.01536m(11121624)
0.01537m(11121624)
 3760859.1 |       0.01495m(11121624)       0.01497m(11121624)
0.01499m(11121624)      0.01499m(11121624)
0.01500m(11121624)
 3760857.1 |       0.01461m(11121624)       0.01462m(11121624)
0.01464m(11121624)      0.01465m(11121624)
0.01465m(11121624)
 3760855.0 |       0.01428m(11121624)       0.01429m(11121624)
0.01431m(11121624)      0.01431m(11121624)
0.01432m(11121624)
 3760853.0 |       0.01396m(11121624)       0.01397m(11121624)
0.01399m(11121624)      0.01399m(11121624)
0.01400m(11121624)
 3760851.0 |       0.01366m(11121624)       0.01367m(11121624)
0.01368m(11121624)      0.01369m(11121624)
0.01370m(11121624)
 3760848.9 |       0.01337m(11121624)       0.01338m(11121624)
0.01339m(11121624)      0.01340m(11121624)
0.01340m(11121624)
 3760846.9 |       0.01309m(11121624)       0.01310m(11121624)
0.01311m(11121624)      0.01312m(11121624)
0.01312m(11121624)
```

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 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:19:19


PAGE  30
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                             INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    ,  . . .     ,


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


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

  Y-COORD  |                                         X-
COORD (METERS)
  (METERS) |       368577.94              368581.92
368585.90              368589.88              368593.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.02249m(11121624)     0.02250m(11121624)
0.02249m(11121624)     0.02247m(11121624)
0.02244m(11121624)
 3760885.6 |     0.02171m(11121624)     0.02172m(11121624)
0.02171m(11121624)     0.02169m(11121624)
0.02166m(11121624)
 3760883.6 |     0.02099m(11121624)     0.02099m(11121624)
0.02098m(11121624)     0.02097m(11121624)
0.02094m(11121624)
 3760881.6 |     0.02031m(11121624)     0.02032m(11121624)
0.02031m(11121624)     0.02029m(11121624)
0.02026m(11121624)
 3760879.5 |     0.01968m(11121624)     0.01968m(11121624)
0.01967m(11121624)     0.01966m(11121624)
0.01963m(11121624)


                                57
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 3760877.5 |      0.01908m(11121624)       0.01909m(11121624)
0.01908m(11121624)     0.01906m(11121624)
0.01904m(11121624)
 3760875.4 |      0.01852m(11121624)       0.01853m(11121624)
0.01852m(11121624)     0.01850m(11121624)
0.01848m(11121624)
 3760873.4 |      0.01800m(11121624)       0.01800m(11121624)
0.01799m(11121624)     0.01798m(11121624)
0.01795m(11121624)
 3760871.4 |      0.01750m(11121624)       0.01750m(11121624)
0.01749m(11121624)     0.01748m(11121624)
0.01746m(11121624)
 3760869.3 |      0.01703m(11121624)       0.01703m(11121624)
0.01702m(11121624)     0.01701m(11121624)
0.01699m(11121624)
 3760867.3 |      0.01658m(11121624)       0.01658m(11121624)
0.01657m(11121624)     0.01656m(11121624)
0.01654m(11121624)
 3760865.2 |      0.01616m(11121624)       0.01616m(11121624)
0.01615m(11121624)     0.01614m(11121624)
0.01612m(11121624)
 3760863.2 |      0.01575m(11121624)       0.01575m(11121624)
0.01574m(11121624)     0.01573m(11121624)
0.01572m(11121624)
 3760861.2 |      0.01537m(11121624)       0.01537m(11121624)
0.01536m(11121624)     0.01535m(11121624)
0.01534m(11121624)
 3760859.1 |      0.01500m(11121624)       0.01500m(11121624)
0.01499m(11121624)     0.01499m(11121624)
0.01497m(11121624)
 3760857.1 |      0.01465m(11121624)       0.01465m(11121624)
0.01465m(11121624)     0.01464m(11121624)
0.01462m(11121624)
 3760855.0 |      0.01432m(11121624)       0.01432m(11121624)
0.01431m(11121624)     0.01430m(11121624)
0.01429m(11121624)
 3760853.0 |      0.01400m(11121624)       0.01400m(11121624)
0.01399m(11121624)     0.01399m(11121624)
0.01397m(11121624)
 3760851.0 |      0.01370m(11121624)       0.01369m(11121624)
0.01369m(11121624)     0.01368m(11121624)
0.01367m(11121624)
 3760848.9 |      0.01340m(11121624)       0.01340m(11121624)
0.01340m(11121624)     0.01339m(11121624)
0.01338m(11121624)
 3760846.9 |      0.01312m(11121624)       0.01312m(11121624)
0.01312m(11121624)     0.01311m(11121624)
0.01310m(11121624)
```

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 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET - VERSION  14134 ***   ***
***          16:19:19
```

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PAGE  31
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
                DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
                DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
                DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

   Y-COORD  |                                          X-
COORD (METERS)
   (METERS) |      368597.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |     0.02240m(11121624)
 3760885.6 |     0.02162m(11121624)
 3760883.6 |     0.02090m(11121624)
 3760881.6 |     0.02023m(11121624)
 3760879.5 |     0.01960m(11121624)
 3760877.5 |     0.01901m(11121624)
 3760875.4 |     0.01845m(11121624)
 3760873.4 |     0.01793m(11121624)
 3760871.4 |     0.01743m(11121624)
 3760869.3 |     0.01696m(11121624)
 3760867.3 |     0.01652m(11121624)
 3760865.2 |     0.01610m(11121624)
 3760863.2 |     0.01570m(11121624)
 3760861.2 |     0.01532m(11121624)
 3760859.1 |     0.01495m(11121624)
 3760857.1 |     0.01461m(11121624)
```

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3760855.0 |         0.01427m(11121624)
3760853.0 |         0.01396m(11121624)
3760851.0 |         0.01365m(11121624)
3760848.9 |         0.01336m(11121624)
3760846.9 |         0.01308m(11121624)
```

PAGE 32
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

                                   *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
-
      367892.35   3760313.03   0.00094m (11121624)
367870.38   3761367.80   0.00154m (11121624)
      369382.95   3761298.22   0.00218 (10091124)
369322.52   3760422.90   0.00145m (10042924)
      368631.85   3760876.26   0.01813m (11121624)
368495.18   3760864.36   0.01514m (11121624)
      368451.25   3760814.12   0.00906m (11121624)
368530.38   3760816.06   0.00982m (11121624)
      368075.78   3761058.78   0.02170m (11121624)

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***      04/25/17
 *** AERMET – VERSION  14134 ***   ***
***        16:19:19


PAGE  33
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL     ***
                             INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .    ,


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


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

   Y-COORD  |                                    X-
COORD (METERS)
   (METERS) |      368518.24            368522.22
368526.20            368530.18            368534.16
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.01719 (11123024)     0.01728 (11123024)
0.01736 (11123024)     0.01745 (11123024)     0.01752
(11123024)
 3760885.6 |     0.01661 (11123024)     0.01669 (11123024)
0.01677 (11123024)     0.01685 (11123024)     0.01692
(11123024)
 3760883.6 |     0.01607 (10120924)     0.01615 (10120924)
0.01622 (10120924)     0.01629 (10120924)     0.01635
(11123024)
 3760881.6 |     0.01557 (10120924)     0.01564 (10120924)
0.01571 (10120924)     0.01577 (10120924)     0.01583
(10120924)
 3760879.5 |     0.01510 (10120924)     0.01516 (10120924)
0.01523 (10120924)     0.01529 (10120924)     0.01534
(10120924)
```

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```
 3760877.5 |      0.01465 (10120924)      0.01471 (10120924)
0.01477 (10120924)      0.01483 (10120924)      0.01488
(10120924)
 3760875.4 |      0.01423 (10120924)      0.01429 (10120924)
0.01435 (10120924)      0.01440 (10120924)      0.01445
(10120924)
 3760873.4 |      0.01384 (10011724)      0.01389 (10120924)
0.01394 (10120924)      0.01400 (10120924)      0.01404
(10120924)
 3760871.4 |      0.01347 (10011724)      0.01352 (10011724)
0.01357 (10011724)      0.01362 (10011724)      0.01366
(10011724)
 3760869.3 |      0.01312 (10011724)      0.01317 (10011724)
0.01322 (10011724)      0.01326 (10011724)      0.01330
(10011724)
 3760867.3 |      0.01279 (10011724)      0.01284 (10011724)
0.01288 (10011724)      0.01292 (10011724)      0.01296
(10011724)
 3760865.2 |      0.01248 (10011724)      0.01252 (10011724)
0.01256 (10011724)      0.01260 (10011724)      0.01264
(10011724)
 3760863.2 |      0.01218 (10011724)      0.01222 (10011724)
0.01225 (10011724)      0.01229 (10011724)      0.01233
(10011724)
 3760861.2 |      0.01189 (10011724)      0.01193 (10011724)
0.01196 (10011724)      0.01200 (10011724)      0.01204
(10011724)
 3760859.1 |      0.01162 (10011724)      0.01165 (10011724)
0.01169 (10011724)      0.01172 (10011724)      0.01176
(10011724)
 3760857.1 |      0.01135 (11012524)      0.01138 (11012524)
0.01142 (11012524)      0.01146 (10011724)      0.01149
(10011724)
 3760855.0 |      0.01109 (11012524)      0.01112 (11012524)
0.01116 (11012524)      0.01119 (11012524)      0.01122
(11012524)
 3760853.0 |      0.01084 (11012524)      0.01087 (11012524)
0.01091 (11012524)      0.01094 (11012524)      0.01097
(11012524)
 3760851.0 |      0.01060 (11012524)      0.01064 (11012524)
0.01067 (11012524)      0.01070 (11012524)      0.01073
(11012524)
 3760848.9 |      0.01038 (11012524)      0.01041 (11012524)
0.01044 (11012524)      0.01047 (11012524)      0.01050
(11012524)
 3760846.9 |      0.01016 (11012524)      0.01019 (11012524)
0.01022 (11012524)      0.01025 (11012524)      0.01027
(11012524)
```

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 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:19:19
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PAGE  34
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                 *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL       ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

  Y-COORD  |                                         X-
COORD (METERS)
  (METERS) |      368538.14           368542.12
368546.10           368550.08           368554.06
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |     0.01760 (11123024)     0.01767 (11123024)
0.01773 (11123024)     0.01779 (11123024)     0.01784
(11123024)
 3760885.6 |     0.01699 (11123024)     0.01705 (11123024)
0.01711 (11123024)     0.01717 (11123024)     0.01721
(11123024)
 3760883.6 |     0.01642 (11123024)     0.01648 (11123024)
0.01653 (11123024)     0.01658 (11123024)     0.01663
(11123024)
 3760881.6 |     0.01589 (10120924)     0.01595 (10120924)
0.01599 (10120924)     0.01604 (11123024)     0.01608
(11123024)
 3760879.5 |     0.01540 (10120924)     0.01545 (10120924)
0.01549 (10120924)     0.01554 (10120924)     0.01557
(10120924)
```

```
 3760877.5 |      0.01494 (10120924)      0.01499 (10120924)
0.01503 (10120924)    0.01507 (10120924)      0.01510
(10120924)
 3760875.4 |      0.01450 (10120924)      0.01455 (10120924)
0.01458 (10120924)    0.01462 (10120924)      0.01465
(10120924)
 3760873.4 |      0.01409 (10120924)      0.01413 (10120924)
0.01417 (10120924)    0.01420 (10120924)      0.01423
(10120924)
 3760871.4 |      0.01370 (10120924)      0.01374 (10120924)
0.01377 (10120924)    0.01381 (10120924)      0.01383
(10120924)
 3760869.3 |      0.01334 (10011724)      0.01338 (10011724)
0.01341 (10011724)    0.01344 (10011724)      0.01346
(10011724)
 3760867.3 |      0.01300 (10011724)      0.01303 (10011724)
0.01306 (10011724)    0.01309 (10011724)      0.01311
(10011724)
 3760865.2 |      0.01267 (10011724)      0.01270 (10011724)
0.01273 (10011724)    0.01276 (10011724)      0.01278
(10011724)
 3760863.2 |      0.01236 (10011724)      0.01239 (10011724)
0.01242 (10011724)    0.01244 (10011724)      0.01246
(10011724)
 3760861.2 |      0.01207 (10011724)      0.01209 (10011724)
0.01212 (10011724)    0.01214 (10011724)      0.01216
(10011724)
 3760859.1 |      0.01178 (10011724)      0.01181 (10011724)
0.01183 (10011724)    0.01186 (10011724)      0.01188
(10011724)
 3760857.1 |      0.01151 (10011724)      0.01154 (10011724)
0.01156 (10011724)    0.01158 (10011724)      0.01160
(10011724)
 3760855.0 |      0.01125 (11012524)      0.01128 (11012524)
0.01130 (10011724)    0.01132 (10011724)      0.01134
(10011724)
 3760853.0 |      0.01100 (11012524)      0.01102 (11012524)
0.01104 (11012524)    0.01107 (11012524)      0.01108
(11012524)
 3760851.0 |      0.01075 (11012524)      0.01078 (11012524)
0.01080 (11012524)    0.01082 (11012524)      0.01083
(11012524)
 3760848.9 |      0.01052 (11012524)      0.01054 (11012524)
0.01056 (11012524)    0.01058 (11012524)      0.01060
(11012524)
 3760846.9 |      0.01030 (11012524)      0.01032 (11012524)
0.01034 (11012524)    0.01036 (11012524)      0.01037
(11012524)
```

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***         16:19:19


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 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                            INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004     ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008     ,
DPM00009    , DPM00010    , DPM00011    , DPM00012     ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016     ,
DPM00017    , DPM00018    , DPM00019    , DPM00020     ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024     ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

   Y-COORD   |                                       X-
COORD (METERS)
   (METERS) |      368558.04            368562.02
368566.00            368569.98            368573.96
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.01789 (11123024)      0.01792 (11123024)
0.01796 (11123024)      0.01799 (11123024)      0.01801
(11123024)
 3760885.6 |     0.01726 (11123024)      0.01729 (11123024)
0.01733 (11123024)      0.01735 (11123024)      0.01737
(11123024)
 3760883.6 |     0.01667 (11123024)      0.01670 (11123024)
0.01673 (11123024)      0.01675 (11123024)      0.01677
(11123024)
 3760881.6 |     0.01612 (11123024)      0.01615 (11123024)
0.01618 (11123024)      0.01620 (11123024)      0.01622
(11123024)
 3760879.5 |     0.01561 (10120924)      0.01563 (10120924)
0.01566 (11123024)      0.01568 (11123024)      0.01569
(11123024)
```

```
3760877.5 |      0.01513 (10120924)      0.01516 (10120924)
0.01518 (10120924)    0.01519 (10120924)      0.01520
(10120924)
 3760875.4 |      0.01468 (10120924)      0.01470 (10120924)
0.01473 (10120924)    0.01474 (10120924)      0.01475
(10120924)
 3760873.4 |      0.01426 (10120924)      0.01428 (10120924)
0.01430 (10120924)    0.01431 (10120924)      0.01432
(10120924)
 3760871.4 |      0.01386 (10120924)      0.01388 (10120924)
0.01390 (10120924)    0.01391 (10120924)      0.01392
(10120924)
 3760869.3 |      0.01349 (10011724)      0.01350 (10011724)
0.01352 (10011724)    0.01353 (10011724)      0.01354
(10011724)
 3760867.3 |      0.01313 (10011724)      0.01315 (10011724)
0.01317 (10011724)    0.01318 (10011724)      0.01318
(10011724)
 3760865.2 |      0.01280 (10011724)      0.01282 (10011724)
0.01283 (10011724)    0.01284 (10011724)      0.01285
(10011724)
 3760863.2 |      0.01248 (10011724)      0.01250 (10011724)
0.01251 (10011724)    0.01252 (10011724)      0.01253
(10011724)
 3760861.2 |      0.01218 (10011724)      0.01219 (10011724)
0.01221 (10011724)    0.01221 (10011724)      0.01222
(10011724)
 3760859.1 |      0.01189 (10011724)      0.01191 (10011724)
0.01192 (10011724)    0.01192 (10011724)      0.01193
(10011724)
 3760857.1 |      0.01162 (10011724)      0.01163 (10011724)
0.01164 (10011724)    0.01165 (10011724)      0.01165
(10011724)
 3760855.0 |      0.01135 (10011724)      0.01136 (10011724)
0.01138 (10011724)    0.01138 (10011724)      0.01139
(10011724)
 3760853.0 |      0.01110 (11012524)      0.01111 (11012524)
0.01112 (11012524)    0.01113 (11012524)      0.01113
(10011724)
 3760851.0 |      0.01085 (11012524)      0.01086 (11012524)
0.01087 (11012524)    0.01088 (11012524)      0.01088
(11012524)
 3760848.9 |      0.01061 (11012524)      0.01062 (11012524)
0.01063 (11012524)    0.01064 (11012524)      0.01064
(11012524)
 3760846.9 |      0.01038 (11012524)      0.01039 (11012524)
0.01040 (11012524)    0.01041 (11012524)      0.01041
(11012524)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368577.94   368581.92
368585.90   368589.88   368593.86
 -
- -
-

 3760887.7 | 0.01802 (11123024)   0.01803 (11123024)
0.01802 (11123024)   0.01802 (11123024)   0.01799
(11123024)
 3760885.6 | 0.01738 (11123024)   0.01739 (11123024)
0.01738 (11123024)   0.01737 (11123024)   0.01734
(11123024)
 3760883.6 | 0.01678 (11123024)   0.01679 (11123024)
0.01678 (11123024)   0.01677 (11123024)   0.01675
(11123024)
 3760881.6 | 0.01622 (11123024)   0.01623 (11123024)
0.01622 (11123024)   0.01621 (11123024)   0.01619
(11123024)
 3760879.5 | 0.01570 (11123024)   0.01570 (11123024)
0.01569 (11123024)   0.01569 (11123024)   0.01567
(11123024)

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```
3760877.5 |      0.01521 (10120924)      0.01521 (11123024)
0.01520 (11123024)      0.01519 (11123024)      0.01518
(11123024)
3760875.4 |      0.01475 (10120924)      0.01475 (10120924)
0.01475 (10120924)      0.01474 (10120924)      0.01472
(10120924)
3760873.4 |      0.01432 (10120924)      0.01433 (10120924)
0.01432 (10120924)      0.01431 (10120924)      0.01429
(10120924)
3760871.4 |      0.01392 (10120924)      0.01392 (10120924)
0.01391 (10120924)      0.01390 (10120924)      0.01389
(10120924)
3760869.3 |      0.01354 (10011724)      0.01354 (10011724)
0.01353 (10120924)      0.01352 (10120924)      0.01351
(10120924)
3760867.3 |      0.01318 (10011724)      0.01318 (10011724)
0.01318 (10011724)      0.01317 (10011724)      0.01315
(10011724)
3760865.2 |      0.01285 (10011724)      0.01285 (10011724)
0.01284 (10011724)      0.01283 (10011724)      0.01281
(10011724)
3760863.2 |      0.01253 (10011724)      0.01253 (10011724)
0.01252 (10011724)      0.01251 (10011724)      0.01249
(10011724)
3760861.2 |      0.01222 (10011724)      0.01222 (10011724)
0.01221 (10011724)      0.01220 (10011724)      0.01219
(10011724)
3760859.1 |      0.01193 (10011724)      0.01193 (10011724)
0.01192 (10011724)      0.01191 (10011724)      0.01190
(10011724)
3760857.1 |      0.01165 (10011724)      0.01165 (10011724)
0.01164 (10011724)      0.01164 (10011724)      0.01162
(10011724)
3760855.0 |      0.01139 (10011724)      0.01139 (10011724)
0.01138 (10011724)      0.01137 (10011724)      0.01136
(10011724)
3760853.0 |      0.01113 (10011724)      0.01113 (10011724)
0.01113 (10011724)      0.01112 (10011724)      0.01111
(10011724)
3760851.0 |      0.01088 (11012524)      0.01088 (11012524)
0.01088 (11012524)      0.01087 (11012524)      0.01086
(10011724)
3760848.9 |      0.01064 (11012524)      0.01064 (11012524)
0.01064 (11012524)      0.01063 (11012524)      0.01062
(11012524)
3760846.9 |      0.01041 (11012524)      0.01041 (11012524)
0.01041 (11012524)      0.01040 (11012524)      0.01040
(11012524)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

  Y-COORD | X-
COORD (METERS)
  (METERS) | 368597.84
 -
 -
 -

 3760887.7 | 0.01796 (11123024)
 3760885.6 | 0.01732 (11123024)
 3760883.6 | 0.01672 (11123024)
 3760881.6 | 0.01616 (11123024)
 3760879.5 | 0.01564 (11123024)
 3760877.5 | 0.01515 (11123024)
 3760875.4 | 0.01470 (10120924)
 3760873.4 | 0.01427 (10120924)
 3760871.4 | 0.01387 (10120924)
 3760869.3 | 0.01349 (10120924)
 3760867.3 | 0.01313 (10011724)
 3760865.2 | 0.01280 (10011724)
 3760863.2 | 0.01248 (10011724)
 3760861.2 | 0.01218 (10011724)
 3760859.1 | 0.01189 (10011724)
 3760857.1 | 0.01161 (10011724)

```
3760855.0 |        0.01135 (10011724)
3760853.0 |        0.01109 (10011724)
3760851.0 |        0.01085 (10011724)
3760848.9 |        0.01061 (11012524)
3760846.9 |        0.01038 (11012524)
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                               *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

                                  *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
-
      367892.35   3760313.03   0.00084 (11010524)
367870.38   3761367.80   0.00119 (11012524)
      369382.95   3761298.22   0.00204 (07090724)
369322.52   3760422.90   0.00097 (08021524)
      368631.85   3760876.26   0.01444 (11123024)
368495.18   3760864.36   0.01206 (10011724)
      368451.25   3760814.12   0.00713m (11112624)
368530.38   3760816.06   0.00773 (10120924)
      368075.78   3761058.78   0.01757 (09010924)

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:19:19

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                   *** THE SUMMARY OF MAXIMUM
ANNUAL RESULTS AVERAGED OVER   5 YEARS ***

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

NETWORK
GROUP ID   AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL   1ST HIGHEST VALUE IS   0.01204 AT (368581.92,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         2ND HIGHEST VALUE IS   0.01203 AT (368585.90,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         3RD HIGHEST VALUE IS   0.01203 AT (368577.94,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         4TH HIGHEST VALUE IS   0.01203 AT (368589.88,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         5TH HIGHEST VALUE IS   0.01202 AT (368573.96,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         6TH HIGHEST VALUE IS   0.01201 AT (368593.86,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         7TH HIGHEST VALUE IS   0.01200 AT (368569.98,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
         8TH HIGHEST VALUE IS   0.01199 AT (368597.84,
3760887.69,   12.00,   12.00,   0.00) GC UCART1
         9TH HIGHEST VALUE IS   0.01199 AT (368566.00,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
        10TH HIGHEST VALUE IS   0.01196 AT (368562.02,
3760887.69,   11.50,   11.50,   0.00) GC UCART1

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

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```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET – VERSION  14134 ***    ***
***         16:19:19

PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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



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


                                              DATE
NETWORK
GROUP ID                        AVERAGE CONC      (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL     HIGH   1ST HIGH VALUE IS      0.07740  ON 10100517: AT
(  368075.78,  3761058.78,     9.16,     9.16,    0.00)  DC


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

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:19:19

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                        *** THE SUMMARY
OF HIGHEST 24–HR RESULTS ***

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

                                           DATE
NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID–ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   0.02250m ON 11121624: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1
        HIGH   6TH HIGH VALUE IS   0.01803 ON 11123024: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1

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

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 *** 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   0 Warning Message(s)
 A Total of   1107 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   5 Calm Hours Identified

 A Total of   1102 Missing Hours Identified (2.51
Percent)

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

     ********   WARNING MESSAGES   ********
              *** NONE ***

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

```
  *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
  *** AERMET - VERSION  14134 ***    ***
***          16:19:19

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    63
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  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:
        TEMP_Sub - Meteorological data includes TEMP
substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:     63 Source(s);      1 Source Group(s);
and     450 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)

                2
```

```
                     and:     63 VOLUME source(s)
                     and:      0 AREA type source(s)
                     and:      0 LINE source(s)
                     and:      0 OPENPIT source(s)
                     and:      0 BUOYANT LINE source(s) with      0
line(s)


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

 **The AERMET Input Meteorological Data Version Date:  14134

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

 **NOTE:  The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

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

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

 **Detailed Error/Message File:   Del Rey Point2_30year.err
 **File for Summary of Results:   Del Rey Point2_30year.sum
```

PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                        *** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***
                                                      (1
=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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

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

(METERS/SEC)

                                       1.54,   3.09,
5.14,   8.23, 10.80,

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET - VERSION  14134 ***   ***
***        16:19:19


PAGE   3
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


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

   Surface file:   laxh8.sfc
Met Version: 14134
   Profile file:   laxh8.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:        0                 Upper air
station no.:     3190
                   Name: UNKNOWN
Name: UNKNOWN
                   Year:   2007
Year:   2007


 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 07 01 01   1 01   -4.3  0.071 -9.000 -9.000 -999.   45.      7.4
0.23  1.00  1.00   1.30   25.   9.1 282.5    5.5
 07 01 01   1 02   -3.2  0.071 -9.000 -9.000 -999.   45.     10.0
0.23  1.00  1.00   1.30   39.   9.1 282.5    5.5
 07 01 01   1 03   -4.3  0.071 -9.000 -9.000 -999.   45.      7.4
0.23  1.00  1.00   1.30   48.   9.1 282.5    5.5
 07 01 01   1 04   -3.7  0.071 -9.000 -9.000 -999.   45.      8.6
0.23  1.00  1.00   1.30   49.   9.1 282.0    5.5
 07 01 01   1 05   -4.3  0.071 -9.000 -9.000 -999.   45.      7.4
0.23  1.00  1.00   1.30   52.   9.1 282.0    5.5
 07 01 01   1 06   -4.4  0.071 -9.000 -9.000 -999.   45.      7.3
0.23  1.00  1.00   1.30   28.   9.1 281.4    5.5
 07 01 01   1 07   -4.4  0.071 -9.000 -9.000 -999.   45.      7.3
0.23  1.00  1.00   1.30   69.   9.1 281.4    5.5
 07 01 01   1 08   -2.0  0.049 -9.000 -9.000 -999.   26.      5.4
0.23  1.00  0.53   0.90   64.   9.1 280.9    5.5
 07 01 01   1 09   25.4  0.176  0.494  0.005  171.  178.    -19.4
0.23  1.00  0.30   1.30   75.   9.1 283.8    5.5
 07 01 01   1 10   79.7  0.248  1.040  0.005  508.  297.    -17.2
0.23  1.00  0.22   1.80   85.   9.1 285.9    5.5
 07 01 01   1 11  114.2  0.257  1.365  0.007  803.  313.    -13.4
0.23  1.00  0.19   1.80  110.   9.1 288.8    5.5
 07 01 01   1 12  133.3  0.300  1.593  0.018 1091.  395.    -18.3
0.23  1.00  0.18   2.20  111.   9.1 289.9    5.5
```

5

```
 07 01 01   1 13  131.8  0.389  1.659  0.022 1247. 581.     -40.1
0.23   1.00   0.18    3.10  243.    9.1  288.8    5.5
 07 01 01   1 14  110.8  0.345  1.573  0.021 1264. 487.     -33.3
0.23   1.00   0.19    2.70  244.    9.1  289.2    5.5
 07 01 01   1 15   78.6  0.375  1.407  0.021 1276. 551.     -60.4
0.23   1.00   0.22    3.10  222.    9.1  289.2    5.5
 07 01 01   1 16   30.6  0.318  1.028  0.021 1278. 431.     -94.1
0.23   1.00   0.31    2.70  242.    9.1  289.9    5.5
 07 01 01   1 17   -8.0  0.098 -9.000 -9.000 -999. 143.      10.6
0.23   1.00   0.57    1.80  219.    9.1  288.8    5.5
 07 01 01   1 18   -2.1  0.049 -9.000 -9.000 -999.  36.       5.1
0.23   1.00   1.00    0.90  141.    9.1  286.4    5.5
 07 01 01   1 19   -2.1  0.049 -9.000 -9.000 -999.  26.       5.1
0.23   1.00   1.00    0.90   75.    9.1  286.4    5.5
 07 01 01   1 20   -2.1  0.049 -9.000 -9.000 -999.  26.       5.1
0.23   1.00   1.00    0.90  333.    9.1  287.5    5.5
 07 01 01   1 21   -4.5  0.071 -9.000 -9.000 -999.  45.       7.1
0.23   1.00   1.00    1.30   85.    9.1  286.4    5.5
 07 01 01   1 22   -4.5  0.071 -9.000 -9.000 -999.  45.       7.1
0.23   1.00   1.00    1.30   83.    9.1  286.4    5.5
 07 01 01   1 23   -2.1  0.049 -9.000 -9.000 -999.  26.       5.1
0.23   1.00   1.00    0.90  299.    9.1  286.4    5.5
 07 01 01   1 24   -2.1  0.049 -9.000 -9.000 -999.  26.       5.1
0.23   1.00   1.00    0.90   59.    9.1  285.4    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA   sigmaW
sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   282.6
99.0  -99.00  -99.00
 07 01 01 01    9.1 1   25.    1.30  -999.0
99.0  -99.00  -99.00

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

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PAGE   4
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                 *** THE SUMMARY OF MAXIMUM
ANNUAL RESULTS AVERAGED OVER   5 YEARS ***

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

NETWORK
GROUP ID   AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL   1ST HIGHEST VALUE IS   0.01204 AT (368581.92,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         2ND HIGHEST VALUE IS   0.01203 AT (368585.90,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         3RD HIGHEST VALUE IS   0.01203 AT (368577.94,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         4TH HIGHEST VALUE IS   0.01203 AT (368589.88,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         5TH HIGHEST VALUE IS   0.01202 AT (368573.96,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         6TH HIGHEST VALUE IS   0.01201 AT (368593.86,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         7TH HIGHEST VALUE IS   0.01200 AT (368569.98,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
         8TH HIGHEST VALUE IS   0.01199 AT (368597.84,
3760887.69,   12.00,   12.00,   0.00) GC UCART1
         9TH HIGHEST VALUE IS   0.01199 AT (368566.00,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
        10TH HIGHEST VALUE IS   0.01196 AT (368562.02,
3760887.69,   11.50,   11.50,   0.00) GC UCART1

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

                           7

```
 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***         04/25/17
 *** AERMET – VERSION  14134 ***   ***
***         16:19:19


PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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



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


                                                DATE
NETWORK
GROUP ID                           AVERAGE CONC    (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


ALL      HIGH   1ST HIGH VALUE IS      0.07740  ON 10100517: AT
(  368075.78,  3761058.78,     9.16,      9.16,    0.00)  DC


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

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:19:19

PAGE   6
 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

                                            *** THE SUMMARY
OF HIGHEST 24–HR RESULTS ***

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

                                            DATE
NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID–ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   0.02250m ON 11121624: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1
        HIGH   6TH HIGH VALUE IS   0.01803 ON 11123024: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1

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

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```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***         04/25/17
 *** AERMET - VERSION  14134 ***   ***
***        16:19:19

PAGE   7
 *** 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           0 Warning Message(s)
 A Total of        1107 Informational Message(s)

 A Total of       43824 Hours Were Processed

 A Total of           5 Calm Hours Identified

 A Total of        1102 Missing Hours Identified (  2.51
Percent)


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


     ********   WARNING MESSAGES   ********
              ***  NONE  ***
```

10
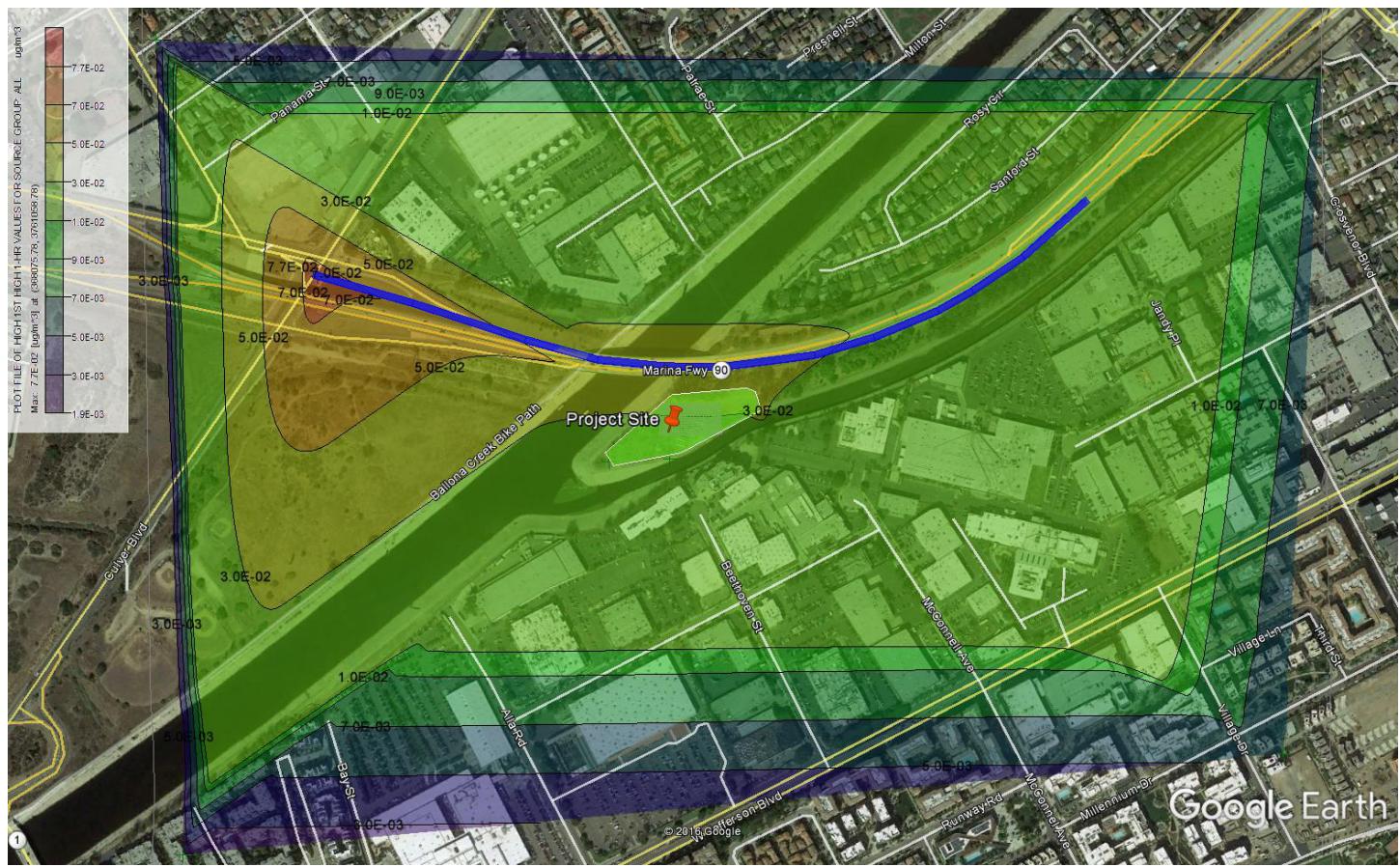
Results Summary

C:\Users\jayp959\Desktop\Jared\Del Rey Pointe\Del Rey Pointe.isc

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.07740	ug/m^3	368075.78	3761058.78	9.16	0.00	9.16	10/5/2010, 17
24-HR	1ST	0.02250	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	12/16/2011, 24
24-HR	6TH	0.01803	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	12/30/2011, 24
ANNUAL		0.01204	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 4/25/2017
** File: C:\Users\jjerome\Desktop\Del Rey Pointe\Del Rey Pointe2_
9year\Del Rey Pointe2_9year.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Users\jayp959\Desktop\Jared\Del Rey Pointe\Del Rey
Pointe.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 9862049
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Del Rey Pointe2_9year.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID – Type – X Coord. – Y Coord. **
** ----------------------------------------------------------------
-------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Del Rey Pointe DPM
** PREFIX DPM
** Length of Side = 8.59
** Configuration = Separated
** Emission Rate = 0.000279943
** Vertical Dimension = 7.26
** SZINIT = 3.38
** Nodes = 12
** 368073.582, 3761059.867, 9.07, 3.63, 7.98
** 368202.904, 3761020.609, 10.00, 3.63, 7.98
** 368347.622, 3760971.343, 10.52, 3.63, 7.98
```

```
** 368439.225, 3760945.171, 11.00, 3.63, 7.98
** 368524.670, 3760935.933, 11.01, 3.63, 7.98
** 368596.259, 3760932.854, 11.98, 3.63, 7.98
** 368718.653, 3760946.710, 12.51, 3.63, 7.98
** 368794.861, 3760968.264, 12.90, 3.63, 7.98
** 368877.997, 3761001.364, 13.21, 3.63, 7.98
** 368922.644, 3761025.997, 13.57, 3.63, 7.98
** 368988.075, 3761068.335, 14.08, 3.63, 7.98
** 369071.980, 3761140.694, 15.05, 3.63, 7.98
** --------------------------------------------------------------
-------
     LOCATION DPM00001      VOLUME     368077.692 3761058.620 9.10
     LOCATION DPM00002      VOLUME     368094.111 3761053.635 9.22
     LOCATION DPM00003      VOLUME     368110.530 3761048.651 9.34
     LOCATION DPM00004      VOLUME     368126.950 3761043.666 9.45
     LOCATION DPM00005      VOLUME     368143.369 3761038.682 9.57
     LOCATION DPM00006      VOLUME     368159.789 3761033.697 9.69
     LOCATION DPM00007      VOLUME     368176.208 3761028.713 9.81
     LOCATION DPM00008      VOLUME     368192.628 3761023.728 9.93
     LOCATION DPM00009      VOLUME     368208.981 3761018.540 10.02
     LOCATION DPM00010      VOLUME     368225.225 3761013.010 10.08
     LOCATION DPM00011      VOLUME     368241.469 3761007.480 10.14
     LOCATION DPM00012      VOLUME     368257.713 3761001.950 10.20
     LOCATION DPM00013      VOLUME     368273.957 3760996.421 10.26
     LOCATION DPM00014      VOLUME     368290.201 3760990.891 10.31
     LOCATION DPM00015      VOLUME     368306.445 3760985.361 10.37
     LOCATION DPM00016      VOLUME     368322.688 3760979.831 10.43
     LOCATION DPM00017      VOLUME     368338.932 3760974.301 10.49
     LOCATION DPM00018      VOLUME     368355.295 3760969.151 10.56
     LOCATION DPM00019      VOLUME     368371.794 3760964.437 10.65
     LOCATION DPM00020      VOLUME     368388.293 3760959.723 10.73
     LOCATION DPM00021      VOLUME     368404.792 3760955.009 10.82
     LOCATION DPM00022      VOLUME     368421.291 3760950.295 10.91
     LOCATION DPM00023      VOLUME     368437.790 3760945.581 10.99
     LOCATION DPM00024      VOLUME     368454.802 3760943.487 11.00
     LOCATION DPM00025      VOLUME     368471.862 3760941.642 11.00
     LOCATION DPM00026      VOLUME     368488.921 3760939.798 11.01
     LOCATION DPM00027      VOLUME     368505.981 3760937.954 11.01
     LOCATION DPM00028      VOLUME     368523.041 3760936.110 11.01
     LOCATION DPM00029      VOLUME     368540.177 3760935.266 11.22
     LOCATION DPM00030      VOLUME     368557.320 3760934.529 11.45
     LOCATION DPM00031      VOLUME     368574.464 3760933.792 11.68
     LOCATION DPM00032      VOLUME     368591.607 3760933.054 11.92
     LOCATION DPM00033      VOLUME     368608.683 3760934.261 12.03
     LOCATION DPM00034      VOLUME     368625.733 3760936.191 12.11
     LOCATION DPM00035      VOLUME     368642.784 3760938.121 12.18
     LOCATION DPM00036      VOLUME     368659.834 3760940.052 12.26
     LOCATION DPM00037      VOLUME     368676.885 3760941.982 12.33
     LOCATION DPM00038      VOLUME     368693.935 3760943.912 12.40
     LOCATION DPM00039      VOLUME     368710.985 3760945.842 12.48
     LOCATION DPM00040      VOLUME     368727.739 3760949.280 12.56
     LOCATION DPM00041      VOLUME     368744.251 3760953.950 12.64
```

```
   LOCATION DPM00042      VOLUME    368760.763 3760958.620 12.73
   LOCATION DPM00043      VOLUME    368777.274 3760963.290 12.81
   LOCATION DPM00044      VOLUME    368793.786 3760967.960 12.89
   LOCATION DPM00045      VOLUME    368809.765 3760974.198 12.96
   LOCATION DPM00046      VOLUME    368825.707 3760980.545 13.02
   LOCATION DPM00047      VOLUME    368841.650 3760986.893 13.07
   LOCATION DPM00048      VOLUME    368857.592 3760993.240 13.13
   LOCATION DPM00049      VOLUME    368873.534 3760999.587 13.19
   LOCATION DPM00050      VOLUME    368888.815 3761007.333 13.30
   LOCATION DPM00051      VOLUME    368903.840 3761015.622 13.42
   LOCATION DPM00052      VOLUME    368918.864 3761023.912 13.54
   LOCATION DPM00053      VOLUME    368933.426 3761032.974 13.65
   LOCATION DPM00054      VOLUME    368947.832 3761042.296 13.77
   LOCATION DPM00055      VOLUME    368962.239 3761051.617 13.88
   LOCATION DPM00056      VOLUME    368976.645 3761060.939 13.99
   LOCATION DPM00057      VOLUME    368990.760 3761070.650 14.11
   LOCATION DPM00058      VOLUME    369003.755 3761081.857 14.26
   LOCATION DPM00059      VOLUME    369016.749 3761093.063 14.41
   LOCATION DPM00060      VOLUME    369029.744 3761104.270 14.56
   LOCATION DPM00061      VOLUME    369042.738 3761115.476 14.71
   LOCATION DPM00062      VOLUME    369055.733 3761126.682 14.86
   LOCATION DPM00063      VOLUME    369068.728 3761137.889 15.01
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM DPM00001      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00002      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00003      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00004      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00005      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00006      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00007      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00008      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00009      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00010      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00011      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00012      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00013      0.000004444      3.63      7.98
3.38
   SRCPARAM DPM00014      0.000004444      3.63      7.98
```

```
3.38
    SRCPARAM DPM00015       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00016       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00017       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00018       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00019       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00020       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00021       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00022       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00023       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00024       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00025       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00026       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00027       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00028       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00029       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00030       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00031       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00032       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00033       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00034       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00035       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00036       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00037       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00038       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00039       0.000004444        3.63       7.98
3.38
    SRCPARAM DPM00040       0.000004444        3.63       7.98
```

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3.38
    SRCPARAM DPM00041      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00042      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00043      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00044      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00045      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00046      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00047      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00048      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00049      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00050      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00051      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00052      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00053      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00054      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00055      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00056      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00057      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00058      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00059      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00060      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00061      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00062      0.000004444      3.63      7.98
3.38
    SRCPARAM DPM00063      0.000004444      3.63      7.98
3.38
** ------------------------------------------------------------
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    URBANSRC DPM00001
    URBANSRC DPM00002
    URBANSRC DPM00003
```

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URBANSRC DPM00004
URBANSRC DPM00005
URBANSRC DPM00006
URBANSRC DPM00007
URBANSRC DPM00008
URBANSRC DPM00009
URBANSRC DPM00010
URBANSRC DPM00011
URBANSRC DPM00012
URBANSRC DPM00013
URBANSRC DPM00014
URBANSRC DPM00015
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URBANSRC DPM00045
URBANSRC DPM00046
URBANSRC DPM00047
URBANSRC DPM00048
URBANSRC DPM00049
URBANSRC DPM00050
URBANSRC DPM00051
URBANSRC DPM00052
URBANSRC DPM00053
URBANSRC DPM00054
URBANSRC DPM00055
```

```
      URBANSRC DPM00056
      URBANSRC DPM00057
      URBANSRC DPM00058
      URBANSRC DPM00059
      URBANSRC DPM00060
      URBANSRC DPM00061
      URBANSRC DPM00062
      URBANSRC DPM00063
      SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
      INCLUDED "Del Rey Pointe2_9year.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
      SURFFILE laxh8.sfc
      PROFFILE laxh8.PFL
      SURFDATA 0 2007
      UAIRDATA 3190 2007
      SITEDATA 99999 2007
      PROFBASE 42.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
      RECTABLE ALLAVE 1ST
      RECTABLE 1 1ST
      RECTABLE 24 1ST 6TH
** Auto-Generated Plotfiles
      PLOTFILE 1 ALL 1ST "DEL REY POINTE2_9YEAR.AD\01H1GALL.PLT" 31
      PLOTFILE 24 ALL 1ST "DEL REY POINTE2_9YEAR.AD\24H1GALL.PLT" 32
      PLOTFILE 24 ALL 6TH "DEL REY POINTE2_9YEAR.AD\24H6GALL.PLT" 33
      PLOTFILE ANNUAL ALL "DEL REY POINTE2_9YEAR.AD\AN00GALL.PLT" 34
      SUMMFILE "Del Rey Pointe2_9year.sum"
OU FINISHED

   ****************************************
```

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

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/25/17
 *** AERMET – VERSION  14134 ***    ***
***        16:50:38


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   63
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  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:
        TEMP_Sub – Meteorological data includes TEMP
substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:     63 Source(s);      1 Source Group(s);
and     450 Receptor(s)

             with:      0 POINT(s), including
                        0 POINTCAP(s) and      0 POINTHOR(s)

                        9
```

```
                    and:      63 VOLUME source(s)
                    and:       0 AREA type source(s)
                    and:       0 LINE source(s)
                    and:       0 OPENPIT source(s)
                    and:       0 BUOYANT LINE source(s) with      0
line(s)


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

 **The AERMET Input Meteorological Data Version Date:  14134

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

 **NOTE:  The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

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

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

 **Detailed Error/Message File:   Del Rey Pointe2_9year.err
 **File for Summary of Results:   Del Rey Pointe2_9year.sum
```

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
- -
- -

 DPM00001   0   0.44440E-05 368077.7 3761058.6   9.1
3.63   7.98   3.38   YES
 DPM00002   0   0.44440E-05 368094.1 3761053.6   9.2
3.63   7.98   3.38   YES
 DPM00003   0   0.44440E-05 368110.5 3761048.7   9.3
3.63   7.98   3.38   YES
 DPM00004   0   0.44440E-05 368127.0 3761043.7   9.5
3.63   7.98   3.38   YES
 DPM00005   0   0.44440E-05 368143.4 3761038.7   9.6
3.63   7.98   3.38   YES
 DPM00006   0   0.44440E-05 368159.8 3761033.7   9.7
3.63   7.98   3.38   YES
 DPM00007   0   0.44440E-05 368176.2 3761028.7   9.8
3.63   7.98   3.38   YES
 DPM00008   0   0.44440E-05 368192.6 3761023.7   9.9
3.63   7.98   3.38   YES
 DPM00009   0   0.44440E-05 368209.0 3761018.5   10.0
3.63   7.98   3.38   YES
 DPM00010   0   0.44440E-05 368225.2 3761013.0   10.1
3.63   7.98   3.38   YES
 DPM00011   0   0.44440E-05 368241.5 3761007.5   10.1
3.63   7.98   3.38   YES
 DPM00012   0   0.44440E-05 368257.7 3761001.9   10.2
3.63   7.98   3.38   YES
 DPM00013   0   0.44440E-05 368274.0 3760996.4   10.3
3.63   7.98   3.38   YES
 DPM00014   0   0.44440E-05 368290.2 3760990.9   10.3
3.63   7.98   3.38   YES
 DPM00015   0   0.44440E-05 368306.4 3760985.4   10.4
3.63   7.98   3.38   YES
 DPM00016   0   0.44440E-05 368322.7 3760979.8   10.4

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3.63      7.98      3.38      YES
 DPM00017          0   0.44440E-05   368338.9 3760974.3      10.5
3.63      7.98      3.38      YES
 DPM00018          0   0.44440E-05   368355.3 3760969.2      10.6
3.63      7.98      3.38      YES
 DPM00019          0   0.44440E-05   368371.8 3760964.4      10.7
3.63      7.98      3.38      YES
 DPM00020          0   0.44440E-05   368388.3 3760959.7      10.7
3.63      7.98      3.38      YES
 DPM00021          0   0.44440E-05   368404.8 3760955.0      10.8
3.63      7.98      3.38      YES
 DPM00022          0   0.44440E-05   368421.3 3760950.3      10.9
3.63      7.98      3.38      YES
 DPM00023          0   0.44440E-05   368437.8 3760945.6      11.0
3.63      7.98      3.38      YES
 DPM00024          0   0.44440E-05   368454.8 3760943.5      11.0
3.63      7.98      3.38      YES
 DPM00025          0   0.44440E-05   368471.9 3760941.6      11.0
3.63      7.98      3.38      YES
 DPM00026          0   0.44440E-05   368488.9 3760939.8      11.0
3.63      7.98      3.38      YES
 DPM00027          0   0.44440E-05   368506.0 3760938.0      11.0
3.63      7.98      3.38      YES
 DPM00028          0   0.44440E-05   368523.0 3760936.1      11.0
3.63      7.98      3.38      YES
 DPM00029          0   0.44440E-05   368540.2 3760935.3      11.2
3.63      7.98      3.38      YES
 DPM00030          0   0.44440E-05   368557.3 3760934.5      11.5
3.63      7.98      3.38      YES
 DPM00031          0   0.44440E-05   368574.5 3760933.8      11.7
3.63      7.98      3.38      YES
 DPM00032          0   0.44440E-05   368591.6 3760933.1      11.9
3.63      7.98      3.38      YES
 DPM00033          0   0.44440E-05   368608.7 3760934.3      12.0
3.63      7.98      3.38      YES
 DPM00034          0   0.44440E-05   368625.7 3760936.2      12.1
3.63      7.98      3.38      YES
 DPM00035          0   0.44440E-05   368642.8 3760938.1      12.2
3.63      7.98      3.38      YES
 DPM00036          0   0.44440E-05   368659.8 3760940.1      12.3
3.63      7.98      3.38      YES
 DPM00037          0   0.44440E-05   368676.9 3760942.0      12.3
3.63      7.98      3.38      YES
 DPM00038          0   0.44440E-05   368693.9 3760943.9      12.4
3.63      7.98      3.38      YES
 DPM00039          0   0.44440E-05   368711.0 3760945.8      12.5
3.63      7.98      3.38      YES
 DPM00040          0   0.44440E-05   368727.7 3760949.3      12.6
3.63      7.98      3.38      YES
```

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 *** 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
- -
- -

 DPM00041   0   0.44440E-05 368744.3 3760953.9   12.6
3.63   7.98   3.38   YES
 DPM00042   0   0.44440E-05 368760.8 3760958.6   12.7
3.63   7.98   3.38   YES
 DPM00043   0   0.44440E-05 368777.3 3760963.3   12.8
3.63   7.98   3.38   YES
 DPM00044   0   0.44440E-05 368793.8 3760968.0   12.9
3.63   7.98   3.38   YES
 DPM00045   0   0.44440E-05 368809.8 3760974.2   13.0
3.63   7.98   3.38   YES
 DPM00046   0   0.44440E-05 368825.7 3760980.5   13.0
3.63   7.98   3.38   YES
 DPM00047   0   0.44440E-05 368841.6 3760986.9   13.1
3.63   7.98   3.38   YES
 DPM00048   0   0.44440E-05 368857.6 3760993.2   13.1
3.63   7.98   3.38   YES
 DPM00049   0   0.44440E-05 368873.5 3760999.6   13.2
3.63   7.98   3.38   YES
 DPM00050   0   0.44440E-05 368888.8 3761007.3   13.3
3.63   7.98   3.38   YES
 DPM00051   0   0.44440E-05 368903.8 3761015.6   13.4
3.63   7.98   3.38   YES
 DPM00052   0   0.44440E-05 368918.9 3761023.9   13.5
3.63   7.98   3.38   YES
 DPM00053   0   0.44440E-05 368933.4 3761033.0   13.7
3.63   7.98   3.38   YES
 DPM00054   0   0.44440E-05 368947.8 3761042.3   13.8
3.63   7.98   3.38   YES
 DPM00055   0   0.44440E-05 368962.2 3761051.6   13.9
3.63   7.98   3.38   YES
 DPM00056   0   0.44440E-05 368976.6 3761060.9   14.0

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3.63      7.98      3.38      YES
 DPM00057           0   0.44440E-05  368990.8 3761070.6   14.1
3.63      7.98      3.38      YES
 DPM00058           0   0.44440E-05  369003.8 3761081.9   14.3
3.63      7.98      3.38      YES
 DPM00059           0   0.44440E-05  369016.7 3761093.1   14.4
3.63      7.98      3.38      YES
 DPM00060           0   0.44440E-05  369029.7 3761104.3   14.6
3.63      7.98      3.38      YES
 DPM00061           0   0.44440E-05  369042.7 3761115.5   14.7
3.63      7.98      3.38      YES
 DPM00062           0   0.44440E-05  369055.7 3761126.7   14.9
3.63      7.98      3.38      YES
 DPM00063           0   0.44440E-05  369068.7 3761137.9   15.0
3.63      7.98      3.38      YES
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                          *** SOURCE IDs
DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE
IDs
 -----------   -------

   ALL   DPM00001   , DPM00002   , DPM00003   ,
DPM00004   , DPM00005   , DPM00006   , DPM00007   ,
DPM00008   ,

            DPM00009   , DPM00010   , DPM00011   ,
DPM00012   , DPM00013   , DPM00014   , DPM00015   ,
DPM00016   ,

            DPM00017   , DPM00018   , DPM00019   ,
DPM00020   , DPM00021   , DPM00022   , DPM00023   ,
DPM00024   ,

            DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , DPM00029   , DPM00030   , DPM00031   ,
DPM00032   ,

            DPM00033   , DPM00034   , DPM00035   ,
DPM00036   , DPM00037   , DPM00038   , DPM00039   ,
DPM00040   ,

            DPM00041   , DPM00042   , DPM00043   ,
DPM00044   , DPM00045   , DPM00046   , DPM00047   ,
DPM00048   ,

            DPM00049   , DPM00050   , DPM00051   ,
DPM00052   , DPM00053   , DPM00054   , DPM00055   ,
DPM00056   ,

            DPM00057   , DPM00058   , DPM00059   ,
DPM00060   , DPM00061   , DPM00062   , DPM00063   ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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

             9862049.   DPM00001   , DPM00002   ,
DPM00003   , DPM00004   , DPM00005   , DPM00006   ,
DPM00007   ,
 DPM00008   ,

             DPM00009   , DPM00010   , DPM00011   ,
DPM00012   , DPM00013   , DPM00014   , DPM00015   ,
DPM00016   ,

             DPM00017   , DPM00018   , DPM00019   ,
DPM00020   , DPM00021   , DPM00022   , DPM00023   ,
DPM00024   ,

             DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , DPM00029   , DPM00030   , DPM00031   ,
DPM00032   ,

             DPM00033   , DPM00034   , DPM00035   ,
DPM00036   , DPM00037   , DPM00038   , DPM00039   ,
DPM00040   ,

             DPM00041   , DPM00042   , DPM00043   ,
DPM00044   , DPM00045   , DPM00046   , DPM00047   ,
DPM00048   ,

             DPM00049   , DPM00050   , DPM00051   ,
DPM00052   , DPM00053   , DPM00054   , DPM00055   ,
DPM00056   ,

             DPM00057   , DPM00058   , DPM00059   ,
DPM00060   , DPM00061   , DPM00062   , DPM00063   ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** GRIDDED RECEPTOR
NETWORK SUMMARY ***

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

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

      368518.2, 368522.2, 368526.2, 368530.2, 368534.2,
368538.1, 368542.1, 368546.1, 368550.1, 368554.1,
      368558.0, 368562.0, 368566.0, 368570.0, 368574.0,
368577.9, 368581.9, 368585.9, 368589.9, 368593.9,
      368597.8,

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

      3760846.9, 3760848.9, 3760851.0, 3760853.0, 3760855.0,
3760857.1, 3760859.1, 3760861.2, 3760863.2, 3760865.2,
      3760867.3, 3760869.3, 3760871.4, 3760873.4, 3760875.4,
3760877.5, 3760879.5, 3760881.6, 3760883.6, 3760885.6,
      3760887.7,

PAGE   7
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                              * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
- -
-

  3760887.69 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760885.65 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760883.61 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760881.57 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760879.53 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760877.49 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760875.45 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760873.41 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760871.37 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760869.33 | 11.00   11.00   11.00
11.10   11.20   11.20   11.30   11.30

18

```
11.40
  3760867.29 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760865.25 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760863.21 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760861.17 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760859.13 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760857.09 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760855.05 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760853.01 |            11.00          11.00          11.00
11.10        11.20         11.20          11.30          11.30
11.40
  3760850.97 |            11.00          11.00          11.10
11.10        11.20         11.20          11.30          11.30
11.40
  3760848.93 |            11.00          11.00          11.10
11.10        11.20         11.20          11.30          11.30
11.40
  3760846.89 |            11.00          11.00          11.10
11.10        11.20         11.20          11.30          11.30
11.40
```

PAGE   8
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                              * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 -
- -
-

  3760887.69 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760885.65 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760883.61 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760881.57 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760879.53 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760877.49 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760875.45 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760873.41 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760871.37 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760869.33 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80

20

```
11.80
  3760867.29 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760865.25 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760863.21 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760861.17 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760859.13 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760857.09 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760855.05 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760853.01 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760850.97 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760848.93 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
  3760846.89 |            11.40       11.50       11.50
11.60        11.60        11.70       11.70       11.80
11.80
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:50:38

PAGE   9
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                           * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
 -
 -

  3760887.69 | 11.90   11.90   12.00
  3760885.65 | 11.90   11.90   12.00
  3760883.61 | 11.90   11.90   12.00
  3760881.57 | 11.90   11.90   12.00
  3760879.53 | 11.90   11.90   12.00
  3760877.49 | 11.90   11.90   12.00
  3760875.45 | 11.90   11.90   12.00
  3760873.41 | 11.90   11.90   12.00
  3760871.37 | 11.90   11.90   12.00
  3760869.33 | 11.90   11.90   12.00
  3760867.29 | 11.90   11.90   12.00
  3760865.25 | 11.90   11.90   12.00
  3760863.21 | 11.90   11.90   12.00
  3760861.17 | 11.90   11.90   12.00
  3760859.13 | 11.90   11.90   12.00
  3760857.09 | 11.90   11.90   12.00
  3760855.05 | 11.90   11.90   12.00
  3760853.01 | 11.90   11.90   12.00
  3760850.97 | 11.90   11.90   12.00
  3760848.93 | 11.90   11.90   12.00
  3760846.89 | 11.90   11.90   12.00

22

PAGE 10
 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

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

                                                  * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
- -
-

  3760887.69 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760885.65 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760883.61 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760881.57 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760879.53 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760877.49 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760875.45 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760873.41 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760871.37 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760869.33 | 11.00   11.00   11.00
11.10   11.20   11.20   11.30   11.30

23

```
11.40
  3760867.29 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760865.25 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760863.21 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760861.17 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760859.13 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760857.09 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760855.05 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760853.01 |         11.00       11.00       11.00
11.10       11.20       11.20       11.30       11.30
11.40
  3760850.97 |         11.00       11.00       11.10
11.10       11.20       11.20       11.30       11.30
11.40
  3760848.93 |         11.00       11.00       11.10
11.10       11.20       11.20       11.30       11.30
11.40
  3760846.89 |         11.00       11.00       11.10
11.10       11.20       11.20       11.30       11.30
11.40
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
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PAGE 11
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                           * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 –
– –
–

  3760887.69 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760885.65 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760883.61 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760881.57 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760879.53 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760877.49 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760875.45 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760873.41 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760871.37 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760869.33 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80

25

```
11.80
  3760867.29 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760865.25 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760863.21 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760861.17 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760859.13 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760857.09 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760855.05 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760853.01 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760850.97 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760848.93 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760846.89 |          11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
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PAGE 12
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                         * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
- -
-

  3760887.69 | 11.90   11.90   12.00
  3760885.65 | 11.90   11.90   12.00
  3760883.61 | 11.90   11.90   12.00
  3760881.57 | 11.90   11.90   12.00
  3760879.53 | 11.90   11.90   12.00
  3760877.49 | 11.90   11.90   12.00
  3760875.45 | 11.90   11.90   12.00
  3760873.41 | 11.90   11.90   12.00
  3760871.37 | 11.90   11.90   12.00
  3760869.33 | 11.90   11.90   12.00
  3760867.29 | 11.90   11.90   12.00
  3760865.25 | 11.90   11.90   12.00
  3760863.21 | 11.90   11.90   12.00
  3760861.17 | 11.90   11.90   12.00
  3760859.13 | 11.90   11.90   12.00
  3760857.09 | 11.90   11.90   12.00
  3760855.05 | 11.90   11.90   12.00
  3760853.01 | 11.90   11.90   12.00
  3760850.97 | 11.90   11.90   12.00
  3760848.93 | 11.90   11.90   12.00
  3760846.89 | 11.90   11.90   12.00

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PAGE 13
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(METERS)

     (367892.3, 3760313.0,   8.8,   8.8,   0.0);
(367870.4, 3761367.8,   8.0,   8.0,   0.0);
     (369383.0, 3761298.2,   18.0,   18.0,   0.0);
(369322.5, 3760422.9,   19.2,   19.2,   0.0);
     (368631.8, 3760876.3,   12.0,   12.0,   0.0);
(368495.2, 3760864.4,   11.0,   11.0,   0.0);
     (368451.2, 3760814.1,   11.0,   11.0,   0.0);
(368530.4, 3760816.1,   11.1,   11.1,   0.0);
     (368075.8, 3761058.8,   9.2,   9.2,   0.0);

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
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PAGE 14
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                          * SOURCE–RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
                          LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL

                               SOURCE   – – RECEPTOR
LOCATION – –   DISTANCE
                               ID   XR (METERS)   YR
(METERS)   (METERS)
                          – – – – – – – – – – – – – – – – – – –
– – – – – – – – – –

                          DPM00001   368075.8
3761058.8   –15.24

PAGE 15
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                       *** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***
                                                    (1
=YES; 0=NO)

          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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

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

(METERS/SEC)

                                          1.54,   3.09,
5.14,   8.23, 10.80,

```
  *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/25/17
  *** AERMET - VERSION  14134 ***    ***
***       16:50:38

PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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

   Surface file:   laxh8.sfc
Met Version: 14134
   Profile file:   laxh8.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:         0                   Upper air
station no.:      3190
                   Name: UNKNOWN
Name: UNKNOWN
                   Year:   2007
Year:   2007


 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 07 01 01   1 01   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23   1.00   1.00    1.30   25.    9.1  282.5    5.5
 07 01 01   1 02   -3.2  0.071 -9.000 -9.000 -999.   45.    10.0
0.23   1.00   1.00    1.30   39.    9.1  282.5    5.5
 07 01 01   1 03   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23   1.00   1.00    1.30   48.    9.1  282.5    5.5
 07 01 01   1 04   -3.7  0.071 -9.000 -9.000 -999.   45.     8.6
0.23   1.00   1.00    1.30   49.    9.1  282.0    5.5
 07 01 01   1 05   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23   1.00   1.00    1.30   52.    9.1  282.0    5.5
 07 01 01   1 06   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23   1.00   1.00    1.30   28.    9.1  281.4    5.5
 07 01 01   1 07   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23   1.00   1.00    1.30   69.    9.1  281.4    5.5
 07 01 01   1 08   -2.0  0.049 -9.000 -9.000 -999.   26.     5.4
0.23   1.00   0.53    0.90   64.    9.1  280.9    5.5
 07 01 01   1 09   25.4  0.176  0.494  0.005  171.  178.   -19.4
0.23   1.00   0.30    1.30   75.    9.1  283.8    5.5
 07 01 01   1 10   79.7  0.248  1.040  0.005  508.  297.   -17.2
0.23   1.00   0.22    1.80   85.    9.1  285.9    5.5
 07 01 01   1 11  114.2  0.257  1.365  0.007  803.  313.   -13.4
0.23   1.00   0.19    1.80  110.    9.1  288.8    5.5
 07 01 01   1 12  133.3  0.300  1.593  0.018 1091.  395.   -18.3
0.23   1.00   0.18    2.20  111.    9.1  289.9    5.5
```

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```
 07 01 01   1 13  131.8  0.389  1.659  0.022 1247.  581.    -40.1
0.23   1.00   0.18    3.10  243.    9.1  288.8    5.5
 07 01 01   1 14  110.8  0.345  1.573  0.021 1264.  487.    -33.3
0.23   1.00   0.19    2.70  244.    9.1  289.2    5.5
 07 01 01   1 15   78.6  0.375  1.407  0.021 1276.  551.    -60.4
0.23   1.00   0.22    3.10  222.    9.1  289.2    5.5
 07 01 01   1 16   30.6  0.318  1.028  0.021 1278.  431.    -94.1
0.23   1.00   0.31    2.70  242.    9.1  289.9    5.5
 07 01 01   1 17   -8.0  0.098 -9.000 -9.000 -999.  143.     10.6
0.23   1.00   0.57    1.80  219.    9.1  288.8    5.5
 07 01 01   1 18   -2.1  0.049 -9.000 -9.000 -999.   36.      5.1
0.23   1.00   1.00    0.90  141.    9.1  286.4    5.5
 07 01 01   1 19   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90   75.    9.1  286.4    5.5
 07 01 01   1 20   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90  333.    9.1  287.5    5.5
 07 01 01   1 21   -4.5  0.071 -9.000 -9.000 -999.   45.      7.1
0.23   1.00   1.00    1.30   85.    9.1  286.4    5.5
 07 01 01   1 22   -4.5  0.071 -9.000 -9.000 -999.   45.      7.1
0.23   1.00   1.00    1.30   83.    9.1  286.4    5.5
 07 01 01   1 23   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90  299.    9.1  286.4    5.5
 07 01 01   1 24   -2.1  0.049 -9.000 -9.000 -999.   26.      5.1
0.23   1.00   1.00    0.90   59.    9.1  285.4    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA   sigmaW
sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   282.6
99.0  -99.00  -99.00
 07 01 01 01    9.1 1   25.    1.30  -999.0
99.0  -99.00  -99.00

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

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***          16:50:38


PAGE  17
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                      *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL       ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

    Y-COORD  |                                      X-
COORD (METERS)
    (METERS) |    368518.24    368522.22    368526.20
368530.18    368534.16    368538.14    368542.12    368546.10
368550.08
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

  3760887.69 |      0.01217    0.01223    0.01229
0.01235    0.01240    0.01246    0.01251    0.01255
0.01259
  3760885.65 |      0.01177    0.01182    0.01188
0.01193    0.01198    0.01203    0.01208    0.01212
0.01216
  3760883.61 |      0.01139    0.01144    0.01149
0.01155    0.01159    0.01164    0.01169    0.01172
0.01176
  3760881.57 |      0.01104    0.01109    0.01113
0.01118    0.01123    0.01127    0.01131    0.01135
0.01138
  3760879.53 |      0.01071    0.01075    0.01080
0.01084    0.01088    0.01093    0.01096    0.01100
```

0.01103
   3760877.49 | 0.01039   0.01044   0.01048
0.01052   0.01056   0.01060   0.01064   0.01066
0.01070
   3760875.45 | 0.01010   0.01014   0.01018
0.01022   0.01025   0.01029   0.01033   0.01035
0.01038
   3760873.41 | 0.00982   0.00986   0.00989
0.00993   0.00997   0.01000   0.01003   0.01006
0.01009
   3760871.37 | 0.00955   0.00959   0.00962
0.00966   0.00969   0.00973   0.00976   0.00978
0.00981
   3760869.33 | 0.00930   0.00934   0.00937
0.00940   0.00944   0.00946   0.00949   0.00952
0.00954
   3760867.29 | 0.00906   0.00909   0.00913
0.00916   0.00919   0.00922   0.00924   0.00927
0.00929
   3760865.25 | 0.00883   0.00887   0.00890
0.00893   0.00896   0.00898   0.00901   0.00903
0.00905
   3760863.21 | 0.00862   0.00865   0.00868
0.00871   0.00874   0.00876   0.00878   0.00880
0.00882
   3760861.17 | 0.00841   0.00844   0.00847
0.00850   0.00852   0.00854   0.00857   0.00859
0.00861
   3760859.13 | 0.00821   0.00824   0.00827
0.00829   0.00832   0.00834   0.00836   0.00838
0.00840
   3760857.09 | 0.00803   0.00805   0.00808
0.00810   0.00813   0.00815   0.00817   0.00818
0.00820
   3760855.05 | 0.00784   0.00787   0.00789
0.00792   0.00794   0.00796   0.00798   0.00800
0.00801
   3760853.01 | 0.00767   0.00770   0.00772
0.00774   0.00776   0.00778   0.00780   0.00782
0.00783
   3760850.97 | 0.00751   0.00753   0.00755
0.00757   0.00759   0.00761   0.00763   0.00764
0.00766
   3760848.93 | 0.00735   0.00737   0.00739
0.00741   0.00743   0.00745   0.00747   0.00748
0.00749
   3760846.89 | 0.00719   0.00722   0.00724
0.00726   0.00728   0.00729   0.00731   0.00732
0.00733

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```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/25/17
 *** AERMET – VERSION  14134 ***    ***
***        16:50:38


PAGE  18
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

    Y–COORD  |                                          X–
COORD (METERS)
    (METERS) |    368554.06    368558.04    368562.02
368566.00    368569.98    368573.96    368577.94    368581.92
368585.90
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

  3760887.69 |      0.01263     0.01266     0.01269
0.01272     0.01274     0.01276     0.01276     0.01277
0.01277
  3760885.65 |      0.01219     0.01223     0.01225
0.01228     0.01229     0.01231     0.01232     0.01232
0.01232
  3760883.61 |      0.01179     0.01182     0.01184
0.01187     0.01188     0.01190     0.01190     0.01191
0.01190
  3760881.57 |      0.01141     0.01144     0.01146
0.01148     0.01150     0.01151     0.01151     0.01152
0.01151
  3760879.53 |      0.01105     0.01108     0.01110
0.01112     0.01113     0.01115     0.01115     0.01115
```

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```
0.01115
   3760877.49 |        0.01072       0.01075       0.01076
0.01078       0.01079       0.01080       0.01081       0.01081
0.01081
   3760875.45 |        0.01040       0.01043       0.01045
0.01046       0.01047       0.01048       0.01049       0.01049
0.01048
   3760873.41 |        0.01011       0.01013       0.01014
0.01016       0.01017       0.01018       0.01018       0.01018
0.01018
   3760871.37 |        0.00983       0.00985       0.00986
0.00987       0.00988       0.00989       0.00990       0.00990
0.00989
   3760869.33 |        0.00956       0.00958       0.00959
0.00961       0.00961       0.00962       0.00962       0.00962
0.00962
   3760867.29 |        0.00931       0.00932       0.00934
0.00935       0.00936       0.00936       0.00937       0.00937
0.00936
   3760865.25 |        0.00907       0.00908       0.00910
0.00911       0.00911       0.00912       0.00912       0.00912
0.00912
   3760863.21 |        0.00884       0.00885       0.00887
0.00888       0.00888       0.00889       0.00889       0.00889
0.00889
   3760861.17 |        0.00862       0.00864       0.00865
0.00866       0.00866       0.00867       0.00867       0.00867
0.00867
   3760859.13 |        0.00841       0.00843       0.00844
0.00845       0.00845       0.00846       0.00846       0.00846
0.00846
   3760857.09 |        0.00821       0.00823       0.00824
0.00825       0.00825       0.00826       0.00826       0.00826
0.00826
   3760855.05 |        0.00803       0.00804       0.00805
0.00806       0.00806       0.00807       0.00807       0.00807
0.00806
   3760853.01 |        0.00784       0.00786       0.00786
0.00787       0.00788       0.00788       0.00788       0.00788
0.00788
   3760850.97 |        0.00767       0.00768       0.00769
0.00770       0.00770       0.00771       0.00771       0.00771
0.00770
   3760848.93 |        0.00750       0.00752       0.00752
0.00753       0.00753       0.00754       0.00754       0.00754
0.00754
   3760846.89 |        0.00734       0.00736       0.00736
0.00737       0.00737       0.00738       0.00738       0.00738
0.00737
```

PAGE 19
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

     Y-COORD | X-
COORD (METERS)
    (METERS) | 368589.88   368593.86   368597.84
 -
- -
-

  3760887.69 | 0.01276   0.01275   0.01273
  3760885.65 | 0.01232   0.01230   0.01228
  3760883.61 | 0.01190   0.01188   0.01187
  3760881.57 | 0.01151   0.01150   0.01148
  3760879.53 | 0.01114   0.01113   0.01112
  3760877.49 | 0.01080   0.01079   0.01078
  3760875.45 | 0.01048   0.01047   0.01045
  3760873.41 | 0.01018   0.01016   0.01015
  3760871.37 | 0.00989   0.00988   0.00987
  3760869.33 | 0.00962   0.00961   0.00960
  3760867.29 | 0.00936   0.00935   0.00934
  3760865.25 | 0.00912   0.00911   0.00910
  3760863.21 | 0.00888   0.00887   0.00887
  3760861.17 | 0.00866   0.00865   0.00865
  3760859.13 | 0.00845   0.00844   0.00844
  3760857.09 | 0.00825   0.00824   0.00824

```
3760855.05 |        0.00806        0.00805        0.00804
3760853.01 |        0.00788        0.00787        0.00786
3760850.97 |        0.00770        0.00769        0.00769
3760848.93 |        0.00753        0.00753        0.00752
3760846.89 |        0.00737        0.00737        0.00736
```

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET – VERSION  14134 ***    ***
***       16:50:38


PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                    *** THE ANNUAL AVERAGE CONCENTRATION    VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    ,  . . .     ,


                                        *** DISCRETE
CARTESIAN RECEPTOR POINTS ***


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


     X–COORD (M)   Y–COORD (M)      CONC
X–COORD (M)   Y–COORD (M)      CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
       367892.35   3760313.03      0.00052
367870.38   3761367.80      0.00083
       369382.95   3761298.22      0.00124
369322.52   3760422.90      0.00047
       368631.85   3760876.26      0.01029
368495.18   3760864.36      0.00853
       368451.25   3760814.12      0.00505
368530.38   3760816.06      0.00548
       368075.78   3761058.78      0.01189
```

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```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/25/17
 *** AERMET - VERSION  14134 ***   ***
***        16:50:38
```

```
PAGE  21
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN
```

```
                                *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                            INCLUDING SOURCE(S):
DPM00001    , DPM00002   , DPM00003   , DPM00004    ,
DPM00005    ,
             DPM00006   , DPM00007   , DPM00008    ,
DPM00009    , DPM00010   , DPM00011   , DPM00012    ,
DPM00013    ,
             DPM00014   , DPM00015   , DPM00016    ,
DPM00017    , DPM00018   , DPM00019   , DPM00020    ,
DPM00021    ,
             DPM00022   , DPM00023   , DPM00024    ,
DPM00025    , DPM00026   , DPM00027   ,
DPM00028    , . . .      ,
```

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

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

```
  Y-COORD  |                                      X-
COORD (METERS)
  (METERS) |      368518.24           368522.22
368526.20            368530.18           368534.16
 - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -
```

```
 3760887.7 |     0.03866 (10011716)     0.03880 (10011716)
0.03892 (10011716)     0.03906 (10011716)     0.03916
(10011716)
 3760885.6 |     0.03755 (10011716)     0.03768 (10011716)
0.03779 (10011716)     0.03792 (10011716)     0.03802
(10011716)
 3760883.6 |     0.03651 (10011716)     0.03662 (10011716)
0.03673 (10011716)     0.03685 (10011716)     0.03694
(10011716)
 3760881.6 |     0.03551 (10011716)     0.03562 (10011716)
0.03572 (10011716)     0.03584 (10011716)     0.03592
(10011716)
 3760879.5 |     0.03457 (10011716)     0.03468 (10011716)
0.03477 (10011716)     0.03488 (10011716)     0.03496
(10011716)
```

```
3760877.5 |      0.03368 (10011716)      0.03378 (10011716)
0.03387 (10011716)      0.03397 (10011716)      0.03405
(10011716)
3760875.4 |      0.03284 (10011716)      0.03293 (10011716)
0.03301 (10011716)      0.03310 (10011716)      0.03318
(10011716)
3760873.4 |      0.03203 (10011716)      0.03212 (10011716)
0.03220 (10011716)      0.03228 (10011716)      0.03235
(10011716)
3760871.4 |      0.03126 (10011716)      0.03134 (10011716)
0.03142 (10011716)      0.03150 (10011716)      0.03157
(10011716)
3760869.3 |      0.03053 (10011716)      0.03061 (10011716)
0.03068 (10011716)      0.03076 (10011716)      0.03083
(10011716)
3760867.3 |      0.02984 (10011716)      0.02991 (10011716)
0.02998 (10011716)      0.03005 (10011716)      0.03011
(10011716)
3760865.2 |      0.02917 (10011716)      0.02924 (10011716)
0.02930 (10011716)      0.02937 (10011716)      0.02943
(10011716)
3760863.2 |      0.02853 (10011716)      0.02860 (10011716)
0.02866 (10011716)      0.02872 (10011716)      0.02878
(10011716)
3760861.2 |      0.02792 (10011716)      0.02798 (10011716)
0.02804 (10011716)      0.02810 (10011716)      0.02816
(10011716)
3760859.1 |      0.02734 (10011716)      0.02740 (10011716)
0.02745 (10011716)      0.02751 (10011716)      0.02756
(10011716)
3760857.1 |      0.02678 (10011716)      0.02683 (10011716)
0.02689 (10011716)      0.02694 (10011716)      0.02699
(10011716)
3760855.0 |      0.02624 (10011716)      0.02629 (10011716)
0.02634 (10011716)      0.02639 (10011716)      0.02644
(10011716)
3760853.0 |      0.02572 (10011716)      0.02577 (10011716)
0.02582 (10011716)      0.02587 (10011716)      0.02591
(10011716)
3760851.0 |      0.02522 (10011716)      0.02527 (10011716)
0.02531 (10011716)      0.02536 (10011716)      0.02540
(10011716)
3760848.9 |      0.02473 (10011716)      0.02478 (10011716)
0.02483 (10011716)      0.02487 (10011716)      0.02491
(10011716)
3760846.9 |      0.02427 (10011716)      0.02432 (10011716)
0.02436 (10011716)      0.02440 (10011716)      0.02444
(10011716)
```

PAGE 22
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368538.14   368542.12
368546.10   368550.08   368554.06
 -
- -
-

 3760887.7 | 0.03928 (10011716)   0.03939 (10011716)
0.03948 (10011716)   0.03957 (10011716)   0.03965
(10011716)
 3760885.6 | 0.03814 (10011716)   0.03824 (10011716)
0.03832 (10011716)   0.03841 (10011716)   0.03848
(10011716)
 3760883.6 | 0.03705 (10011716)   0.03715 (10011716)
0.03722 (10011716)   0.03731 (10011716)   0.03738
(10011716)
 3760881.6 | 0.03603 (10011716)   0.03611 (10011716)
0.03619 (10011716)   0.03627 (10011716)   0.03634
(10011716)
 3760879.5 | 0.03505 (10011716)   0.03514 (10011716)
0.03521 (10011716)   0.03529 (10011716)   0.03535
(10011716)

```
3760877.5 |      0.03413 (10011716)      0.03421 (10011716)
0.03428 (10011716)      0.03435 (10011716)      0.03442
(10011716)
 3760875.4 |      0.03326 (10011716)      0.03334 (10011716)
0.03340 (10011716)      0.03347 (10011716)      0.03353
(10011716)
 3760873.4 |      0.03243 (10011716)      0.03250 (10011716)
0.03257 (10011716)      0.03263 (10011716)      0.03269
(10011716)
 3760871.4 |      0.03164 (10011716)      0.03171 (10011716)
0.03177 (10011716)      0.03183 (10011716)      0.03188
(10011716)
 3760869.3 |      0.03089 (10011716)      0.03095 (10011716)
0.03101 (10011716)      0.03107 (10011716)      0.03112
(10011716)
 3760867.3 |      0.03017 (10011716)      0.03023 (10011716)
0.03029 (10011716)      0.03034 (10011716)      0.03039
(10011716)
 3760865.2 |      0.02949 (10011716)      0.02955 (10011716)
0.02960 (10011716)      0.02965 (10011716)      0.02969
(10011716)
 3760863.2 |      0.02884 (10011716)      0.02889 (10011716)
0.02894 (10011716)      0.02898 (10011716)      0.02903
(10011716)
 3760861.2 |      0.02821 (10011716)      0.02826 (10011716)
0.02831 (10011716)      0.02835 (10011716)      0.02839
(10011716)
 3760859.1 |      0.02761 (10011716)      0.02766 (10011716)
0.02771 (10011716)      0.02774 (10011716)      0.02779
(10011716)
 3760857.1 |      0.02704 (10011716)      0.02708 (10011716)
0.02713 (10011716)      0.02716 (10011716)      0.02720
(10011716)
 3760855.0 |      0.02649 (10011716)      0.02653 (10011716)
0.02657 (10011716)      0.02660 (10011716)      0.02664
(10011716)
 3760853.0 |      0.02596 (10011716)      0.02599 (10011716)
0.02604 (10011716)      0.02607 (10011716)      0.02610
(10011716)
 3760851.0 |      0.02545 (10011716)      0.02548 (10011716)
0.02552 (10011716)      0.02555 (10011716)      0.02558
(10011716)
 3760848.9 |      0.02495 (10011716)      0.02499 (10011716)
0.02502 (10011716)      0.02505 (10011716)      0.02508
(10011716)
 3760846.9 |      0.02448 (10011716)      0.02451 (10011716)
0.02455 (10011716)      0.02457 (10011716)      0.02460
(10011716)
```

PAGE 23
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                 *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368558.04   368562.02
368566.00   368569.98   368573.96
 -
- -
-

 3760887.7 | 0.03974 (10011716)   0.03981 (10011716)
0.03988 (10011716)   0.03992 (10011716)   0.03994
(10011716)
 3760885.6 | 0.03857 (10011716)   0.03863 (10011716)
0.03871 (10011716)   0.03874 (10011716)   0.03876
(10011716)
 3760883.6 | 0.03746 (10011716)   0.03752 (10011716)
0.03760 (10011716)   0.03763 (10011716)   0.03764
(10011716)
 3760881.6 | 0.03641 (10011716)   0.03647 (10011716)
0.03654 (10011716)   0.03658 (10011716)   0.03659
(10011716)
 3760879.5 | 0.03542 (10011716)   0.03548 (10011716)
0.03555 (10011716)   0.03558 (10011716)   0.03559
(10011716)

                              44

```
3760877.5 |      0.03448 (10011716)      0.03453 (10011716)
0.03460 (10011716)      0.03463 (10011716)      0.03464
(10011716)
3760875.4 |      0.03359 (10011716)      0.03364 (10011716)
0.03371 (10011716)      0.03373 (10011716)      0.03374
(10011716)
3760873.4 |      0.03274 (10011716)      0.03279 (10011716)
0.03286 (10011716)      0.03288 (10011716)      0.03289
(10011716)
3760871.4 |      0.03193 (10011716)      0.03198 (10011716)
0.03205 (10011716)      0.03206 (10011716)      0.03208
(10011716)
3760869.3 |      0.03116 (10011716)      0.03121 (10011716)
0.03127 (10011716)      0.03129 (10011716)      0.03130
(10011716)
3760867.3 |      0.03043 (10011716)      0.03047 (10011716)
0.03054 (10011716)      0.03055 (10011716)      0.03056
(10011716)
3760865.2 |      0.02973 (10011716)      0.02977 (10011716)
0.02983 (10011716)      0.02985 (10011716)      0.02986
(10011716)
3760863.2 |      0.02906 (10011716)      0.02910 (10011716)
0.02916 (10011716)      0.02918 (10011716)      0.02919
(10011716)
3760861.2 |      0.02843 (10011716)      0.02846 (10011716)
0.02852 (10011716)      0.02853 (10011716)      0.02855
(10011716)
3760859.1 |      0.02781 (10011716)      0.02785 (10011716)
0.02791 (10011716)      0.02792 (10011716)      0.02793
(10011716)
3760857.1 |      0.02723 (10011716)      0.02726 (10011716)
0.02732 (10011716)      0.02733 (10011716)      0.02734
(10011716)
3760855.0 |      0.02667 (10011716)      0.02670 (10011716)
0.02675 (10011716)      0.02676 (10011716)      0.02677
(10011716)
3760853.0 |      0.02612 (10011716)      0.02615 (10011716)
0.02621 (10011716)      0.02622 (10011716)      0.02623
(10011716)
3760851.0 |      0.02560 (10011716)      0.02563 (10011716)
0.02568 (10011716)      0.02569 (10011716)      0.02571
(10011716)
3760848.9 |      0.02510 (10011716)      0.02513 (10011716)
0.02518 (10011716)      0.02519 (10011716)      0.02520
(10011716)
3760846.9 |      0.02462 (10011716)      0.02464 (10011716)
0.02470 (10011716)      0.02470 (10011716)      0.02471
(10011716)
```

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***      04/25/17
 *** AERMET - VERSION  14134 ***   ***
***        16:50:38


PAGE  24
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                             INCLUDING SOURCE(S):
DPM00001    , DPM00002   , DPM00003   , DPM00004    ,
DPM00005    ,
               DPM00006   , DPM00007   , DPM00008    ,
DPM00009    , DPM00010   , DPM00011   , DPM00012    ,
DPM00013    ,
               DPM00014   , DPM00015   , DPM00016    ,
DPM00017    , DPM00018   , DPM00019   , DPM00020    ,
DPM00021    ,
               DPM00022   , DPM00023   , DPM00024    ,
DPM00025    , DPM00026   , DPM00027   ,
DPM00028    , . . .      ,


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


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

   Y-COORD  |                                          X-
COORD (METERS)
   (METERS) |      368577.94            368581.92
368585.90            368589.88            368593.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.03996 (10011716)     0.03997 (10011716)
0.03995 (10011716)     0.03990 (10011716)     0.03984
(10011716)
 3760885.6 |     0.03877 (10011716)     0.03879 (10011716)
0.03876 (10011716)     0.03871 (10011716)     0.03865
(10011716)
 3760883.6 |     0.03765 (10011716)     0.03766 (10011716)
0.03764 (10011716)     0.03759 (10011716)     0.03753
(10011716)
 3760881.6 |     0.03660 (10011716)     0.03661 (10011716)
0.03658 (10011716)     0.03653 (10011716)     0.03647
(10011716)
 3760879.5 |     0.03559 (10011716)     0.03560 (10011716)
0.03557 (10011716)     0.03553 (10011716)     0.03547
(10011716)
```

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```
 3760877.5 |       0.03464 (10011716)        0.03465 (10011716)
0.03462 (10011716)       0.03458 (10011716)        0.03452
(10011716)
 3760875.4 |       0.03374 (10011716)        0.03375 (10011716)
0.03372 (10011716)       0.03368 (10011716)        0.03362
(10011716)
 3760873.4 |       0.03289 (10011716)        0.03290 (10011716)
0.03286 (10011716)       0.03282 (10011716)        0.03276
(10011716)
 3760871.4 |       0.03207 (10011716)        0.03208 (10011716)
0.03205 (10011716)       0.03201 (10011716)        0.03195
(10011716)
 3760869.3 |       0.03130 (10011716)        0.03131 (10011716)
0.03127 (10011716)       0.03124 (10011716)        0.03118
(10011716)
 3760867.3 |       0.03056 (10011716)        0.03057 (10011716)
0.03053 (10011716)       0.03050 (10011716)        0.03044
(10011716)
 3760865.2 |       0.02985 (10011716)        0.02986 (10011716)
0.02983 (10011716)       0.02980 (10011716)        0.02974
(10011716)
 3760863.2 |       0.02918 (10011716)        0.02919 (10011716)
0.02916 (10011716)       0.02912 (10011716)        0.02907
(10011716)
 3760861.2 |       0.02854 (10011716)        0.02855 (10011716)
0.02851 (10011716)       0.02848 (10011716)        0.02843
(10011716)
 3760859.1 |       0.02792 (10011716)        0.02793 (10011716)
0.02790 (10011716)       0.02787 (10011716)        0.02782
(10011716)
 3760857.1 |       0.02733 (10011716)        0.02734 (10011716)
0.02731 (10011716)       0.02728 (10011716)        0.02723
(10011716)
 3760855.0 |       0.02676 (10011716)        0.02677 (10011716)
0.02674 (10011716)       0.02672 (10011716)        0.02667
(10011716)
 3760853.0 |       0.02622 (10011716)        0.02623 (10011716)
0.02620 (10011716)       0.02617 (10011716)        0.02612
(10011716)
 3760851.0 |       0.02569 (10011716)        0.02571 (10011716)
0.02567 (10011716)       0.02565 (10011716)        0.02560
(10011716)
 3760848.9 |       0.02519 (10011716)        0.02520 (10011716)
0.02517 (10011716)       0.02515 (10011716)        0.02510
(10011716)
 3760846.9 |       0.02470 (10011716)        0.02472 (10011716)
0.02468 (10011716)       0.02466 (10011716)        0.02462
(10011716)
```

PAGE 25
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

  Y-COORD | X-
COORD (METERS)
   (METERS) | 368597.84
 -
- -
-

 3760887.7 | 0.03976 (10011716)
 3760885.6 | 0.03857 (10011716)
 3760883.6 | 0.03745 (10011716)
 3760881.6 | 0.03640 (10011716)
 3760879.5 | 0.03540 (10011716)
 3760877.5 | 0.03445 (10011716)
 3760875.4 | 0.03356 (10011716)
 3760873.4 | 0.03270 (10011716)
 3760871.4 | 0.03189 (10011716)
 3760869.3 | 0.03112 (10011716)
 3760867.3 | 0.03039 (10011716)
 3760865.2 | 0.02969 (10011716)
 3760863.2 | 0.02902 (10011716)
 3760861.2 | 0.02839 (10011716)
 3760859.1 | 0.02777 (10011716)
 3760857.1 | 0.02719 (10011716)

```
3760855.0 |        0.02663 (10011716)
3760853.0 |        0.02609 (10011716)
3760851.0 |        0.02557 (10011716)
3760848.9 |        0.02507 (10011716)
3760846.9 |        0.02459 (10011716)
```

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET - VERSION  14134 ***    ***
***       16:50:38
```

```
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                 *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


                                          *** DISCRETE
CARTESIAN RECEPTOR POINTS ***


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


     X-COORD (M)  Y-COORD (M)       CONC     (YYMMDDHH)
X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-
       367892.35   3760313.03       0.00204  (11112624)
367870.38   3761367.80       0.00313  (07010522)
       369382.95   3761298.22       0.00722  (07090723)
369322.52   3760422.90       0.00557  (07061024)
       368631.85   3760876.26       0.03281  (10011716)
368495.18   3760864.36       0.02842  (10011716)
       368451.25   3760814.12       0.01778  (10011716)
368530.38   3760816.06       0.01892  (10011716)
       368075.78   3761058.78       0.08213  (10100517)
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:50:38

PAGE 27
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368518.24   368522.22
368526.20   368530.18   368534.16
 -
- -
-

 3760887.7 | 0.02282m(11121624)   0.02293m(11121624)
0.02304m(11121624)   0.02315m(11121624)
0.02324m(11121624)
 3760885.6 | 0.02208m(11121624)   0.02218m(11121624)
0.02228m(11121624)   0.02238m(11121624)
0.02247m(11121624)
 3760883.6 | 0.02138m(11121624)   0.02148m(11121624)
0.02157m(11121624)   0.02166m(11121624)
0.02174m(11121624)
 3760881.6 | 0.02072m(11121624)   0.02081m(11121624)
0.02090m(11121624)   0.02099m(11121624)
0.02106m(11121624)
 3760879.5 | 0.02011m(11121624)   0.02019m(11121624)
0.02027m(11121624)   0.02036m(11121624)
0.02043m(11121624)

```
3760877.5 |      0.01953m(11121624)      0.01961m(11121624)
0.01968m(11121624)     0.01976m(11121624)
0.01983m(11121624)
 3760875.4 |      0.01898m(11121624)      0.01905m(11121624)
0.01913m(11121624)     0.01920m(11121624)
0.01926m(11121624)
 3760873.4 |      0.01846m(11121624)      0.01853m(11121624)
0.01860m(11121624)     0.01867m(11121624)
0.01873m(11121624)
 3760871.4 |      0.01797m(11121624)      0.01804m(11121624)
0.01810m(11121624)     0.01817m(11121624)
0.01822m(11121624)
 3760869.3 |      0.01750m(11121624)      0.01757m(11121624)
0.01763m(11121624)     0.01769m(11121624)
0.01775m(11121624)
 3760867.3 |      0.01706m(11121624)      0.01712m(11121624)
0.01718m(11121624)     0.01724m(11121624)
0.01729m(11121624)
 3760865.2 |      0.01664m(11121624)      0.01670m(11121624)
0.01675m(11121624)     0.01681m(11121624)
0.01686m(11121624)
 3760863.2 |      0.01624m(11121624)      0.01630m(11121624)
0.01635m(11121624)     0.01640m(11121624)
0.01645m(11121624)
 3760861.2 |      0.01586m(11121624)      0.01591m(11121624)
0.01596m(11121624)     0.01601m(11121624)
0.01606m(11121624)
 3760859.1 |      0.01549m(11121624)      0.01554m(11121624)
0.01559m(11121624)     0.01564m(11121624)
0.01568m(11121624)
 3760857.1 |      0.01514m(11121624)      0.01519m(11121624)
0.01524m(11121624)     0.01528m(11121624)
0.01532m(11121624)
 3760855.0 |      0.01481m(11121624)      0.01485m(11121624)
0.01490m(11121624)     0.01494m(11121624)
0.01498m(11121624)
 3760853.0 |      0.01449m(11121624)      0.01453m(11121624)
0.01457m(11121624)     0.01461m(11121624)
0.01465m(11121624)
 3760851.0 |      0.01418m(11121624)      0.01422m(11121624)
0.01426m(11121624)     0.01430m(11121624)
0.01434m(11121624)
 3760848.9 |      0.01388m(11121624)      0.01393m(11121624)
0.01397m(11121624)     0.01400m(11121624)
0.01404m(11121624)
 3760846.9 |      0.01360m(11121624)      0.01364m(11121624)
0.01368m(11121624)     0.01371m(11121624)
0.01375m(11121624)
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:50:38

PAGE 28
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368538.14   368542.12
368546.10   368550.08   368554.06
 -
 -
 -

 3760887.7 | 0.02334m(11121624)   0.02343m(11121624)
0.02350m(11121624)   0.02358m(11121624)
0.02364m(11121624)
 3760885.6 | 0.02256m(11121624)   0.02264m(11121624)
0.02271m(11121624)   0.02278m(11121624)
0.02283m(11121624)
 3760883.6 | 0.02183m(11121624)   0.02190m(11121624)
0.02197m(11121624)   0.02203m(11121624)
0.02209m(11121624)
 3760881.6 | 0.02114m(11121624)   0.02121m(11121624)
0.02127m(11121624)   0.02134m(11121624)
0.02138m(11121624)
 3760879.5 | 0.02050m(11121624)   0.02057m(11121624)
0.02062m(11121624)   0.02068m(11121624)
0.02073m(11121624)

53

```
 3760877.5 |      0.01990m(11121624)        0.01996m(11121624)
0.02001m(11121624)     0.02007m(11121624)
0.02011m(11121624)
 3760875.4 |      0.01933m(11121624)        0.01939m(11121624)
0.01944m(11121624)     0.01949m(11121624)
0.01952m(11121624)
 3760873.4 |      0.01879m(11121624)        0.01885m(11121624)
0.01889m(11121624)     0.01894m(11121624)
0.01897m(11121624)
 3760871.4 |      0.01828m(11121624)        0.01833m(11121624)
0.01838m(11121624)     0.01842m(11121624)
0.01846m(11121624)
 3760869.3 |      0.01780m(11121624)        0.01785m(11121624)
0.01789m(11121624)     0.01793m(11121624)
0.01796m(11121624)
 3760867.3 |      0.01734m(11121624)        0.01739m(11121624)
0.01743m(11121624)     0.01747m(11121624)
0.01750m(11121624)
 3760865.2 |      0.01691m(11121624)        0.01695m(11121624)
0.01699m(11121624)     0.01702m(11121624)
0.01705m(11121624)
 3760863.2 |      0.01649m(11121624)        0.01653m(11121624)
0.01657m(11121624)     0.01660m(11121624)
0.01663m(11121624)
 3760861.2 |      0.01610m(11121624)        0.01614m(11121624)
0.01617m(11121624)     0.01620m(11121624)
0.01623m(11121624)
 3760859.1 |      0.01572m(11121624)        0.01576m(11121624)
0.01579m(11121624)     0.01582m(11121624)
0.01585m(11121624)
 3760857.1 |      0.01536m(11121624)        0.01540m(11121624)
0.01543m(11121624)     0.01546m(11121624)
0.01548m(11121624)
 3760855.0 |      0.01502m(11121624)        0.01505m(11121624)
0.01508m(11121624)     0.01511m(11121624)
0.01513m(11121624)
 3760853.0 |      0.01469m(11121624)        0.01472m(11121624)
0.01475m(11121624)     0.01477m(11121624)
0.01479m(11121624)
 3760851.0 |      0.01437m(11121624)        0.01440m(11121624)
0.01443m(11121624)     0.01445m(11121624)
0.01447m(11121624)
 3760848.9 |      0.01407m(11121624)        0.01410m(11121624)
0.01412m(11121624)     0.01415m(11121624)
0.01417m(11121624)
 3760846.9 |      0.01378m(11121624)        0.01381m(11121624)
0.01383m(11121624)     0.01385m(11121624)
0.01387m(11121624)
```

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 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/25/17
 *** AERMET - VERSION  14134 ***    ***
***       16:50:38


PAGE  29
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                             INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .     ,


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


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

   Y-COORD  |                                    X-
COORD (METERS)
   (METERS) |      368558.04          368562.02
368566.00          368569.98          368573.96
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |    0.02370m(11121624)    0.02375m(11121624)
0.02379m(11121624)    0.02382m(11121624)
0.02385m(11121624)
 3760885.6 |    0.02289m(11121624)    0.02293m(11121624)
0.02298m(11121624)    0.02301m(11121624)
0.02303m(11121624)
 3760883.6 |    0.02214m(11121624)    0.02218m(11121624)
0.02222m(11121624)    0.02224m(11121624)
0.02227m(11121624)
 3760881.6 |    0.02143m(11121624)    0.02147m(11121624)
0.02150m(11121624)    0.02153m(11121624)
0.02155m(11121624)
 3760879.5 |    0.02077m(11121624)    0.02080m(11121624)
0.02084m(11121624)    0.02086m(11121624)
0.02088m(11121624)
```

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3760877.5 |       0.02015m(11121624)        0.02018m(11121624)
0.02021m(11121624)      0.02023m(11121624)
0.02025m(11121624)
3760875.4 |       0.01956m(11121624)        0.01959m(11121624)
0.01962m(11121624)      0.01964m(11121624)
0.01965m(11121624)
3760873.4 |       0.01901m(11121624)        0.01904m(11121624)
0.01906m(11121624)      0.01908m(11121624)
0.01909m(11121624)
3760871.4 |       0.01849m(11121624)        0.01851m(11121624)
0.01854m(11121624)      0.01855m(11121624)
0.01857m(11121624)
3760869.3 |       0.01799m(11121624)        0.01802m(11121624)
0.01804m(11121624)      0.01805m(11121624)
0.01807m(11121624)
3760867.3 |       0.01753m(11121624)        0.01755m(11121624)
0.01757m(11121624)      0.01758m(11121624)
0.01759m(11121624)
3760865.2 |       0.01708m(11121624)        0.01710m(11121624)
0.01712m(11121624)      0.01713m(11121624)
0.01714m(11121624)
3760863.2 |       0.01666m(11121624)        0.01668m(11121624)
0.01669m(11121624)      0.01670m(11121624)
0.01671m(11121624)
3760861.2 |       0.01625m(11121624)        0.01627m(11121624)
0.01629m(11121624)      0.01630m(11121624)
0.01631m(11121624)
3760859.1 |       0.01587m(11121624)        0.01589m(11121624)
0.01590m(11121624)      0.01591m(11121624)
0.01592m(11121624)
3760857.1 |       0.01550m(11121624)        0.01552m(11121624)
0.01553m(11121624)      0.01554m(11121624)
0.01555m(11121624)
3760855.0 |       0.01515m(11121624)        0.01517m(11121624)
0.01518m(11121624)      0.01519m(11121624)
0.01520m(11121624)
3760853.0 |       0.01481m(11121624)        0.01483m(11121624)
0.01484m(11121624)      0.01485m(11121624)
0.01486m(11121624)
3760851.0 |       0.01449m(11121624)        0.01451m(11121624)
0.01452m(11121624)      0.01453m(11121624)
0.01453m(11121624)
3760848.9 |       0.01418m(11121624)        0.01420m(11121624)
0.01421m(11121624)      0.01422m(11121624)
0.01422m(11121624)
3760846.9 |       0.01389m(11121624)        0.01390m(11121624)
0.01391m(11121624)      0.01392m(11121624)
0.01392m(11121624)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                   *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
             DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
             DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
             DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368577.94   368581.92
368585.90   368589.88   368593.86
 -
- -
-

 3760887.7 | 0.02387m(11121624)   0.02387m(11121624)
0.02386m(11121624)   0.02385m(11121624)
0.02381m(11121624)
 3760885.6 | 0.02304m(11121624)   0.02305m(11121624)
0.02304m(11121624)   0.02302m(11121624)
0.02299m(11121624)
 3760883.6 | 0.02227m(11121624)   0.02228m(11121624)
0.02227m(11121624)   0.02225m(11121624)
0.02222m(11121624)
 3760881.6 | 0.02155m(11121624)   0.02156m(11121624)
0.02155m(11121624)   0.02153m(11121624)
0.02150m(11121624)
 3760879.5 | 0.02088m(11121624)   0.02089m(11121624)
0.02087m(11121624)   0.02086m(11121624)
0.02083m(11121624)

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```
3760877.5 |      0.02025m(11121624)      0.02025m(11121624)
0.02024m(11121624)      0.02023m(11121624)
0.02020m(11121624)
 3760875.4 |      0.01966m(11121624)      0.01966m(11121624)
0.01965m(11121624)      0.01964m(11121624)
0.01961m(11121624)
 3760873.4 |      0.01910m(11121624)      0.01910m(11121624)
0.01909m(11121624)      0.01908m(11121624)
0.01905m(11121624)
 3760871.4 |      0.01857m(11121624)      0.01857m(11121624)
0.01856m(11121624)      0.01855m(11121624)
0.01852m(11121624)
 3760869.3 |      0.01807m(11121624)      0.01807m(11121624)
0.01806m(11121624)      0.01805m(11121624)
0.01803m(11121624)
 3760867.3 |      0.01759m(11121624)      0.01759m(11121624)
0.01758m(11121624)      0.01757m(11121624)
0.01755m(11121624)
 3760865.2 |      0.01714m(11121624)      0.01714m(11121624)
0.01713m(11121624)      0.01712m(11121624)
0.01710m(11121624)
 3760863.2 |      0.01672m(11121624)      0.01672m(11121624)
0.01671m(11121624)      0.01670m(11121624)
0.01668m(11121624)
 3760861.2 |      0.01631m(11121624)      0.01631m(11121624)
0.01630m(11121624)      0.01629m(11121624)
0.01627m(11121624)
 3760859.1 |      0.01592m(11121624)      0.01592m(11121624)
0.01591m(11121624)      0.01590m(11121624)
0.01589m(11121624)
 3760857.1 |      0.01555m(11121624)      0.01555m(11121624)
0.01554m(11121624)      0.01553m(11121624)
0.01552m(11121624)
 3760855.0 |      0.01520m(11121624)      0.01519m(11121624)
0.01519m(11121624)      0.01518m(11121624)
0.01516m(11121624)
 3760853.0 |      0.01486m(11121624)      0.01486m(11121624)
0.01485m(11121624)      0.01484m(11121624)
0.01483m(11121624)
 3760851.0 |      0.01453m(11121624)      0.01453m(11121624)
0.01453m(11121624)      0.01452m(11121624)
0.01450m(11121624)
 3760848.9 |      0.01422m(11121624)      0.01422m(11121624)
0.01421m(11121624)      0.01421m(11121624)
0.01419m(11121624)
 3760846.9 |      0.01392m(11121624)      0.01392m(11121624)
0.01392m(11121624)      0.01391m(11121624)
0.01390m(11121624)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                          INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

  Y-COORD | X-
COORD (METERS)
  (METERS) | 368597.84
 -
- -
-

 3760887.7 | 0.02376m(11121624)
 3760885.6 | 0.02294m(11121624)
 3760883.6 | 0.02218m(11121624)
 3760881.6 | 0.02147m(11121624)
 3760879.5 | 0.02080m(11121624)
 3760877.5 | 0.02017m(11121624)
 3760875.4 | 0.01958m(11121624)
 3760873.4 | 0.01902m(11121624)
 3760871.4 | 0.01850m(11121624)
 3760869.3 | 0.01800m(11121624)
 3760867.3 | 0.01753m(11121624)
 3760865.2 | 0.01708m(11121624)
 3760863.2 | 0.01666m(11121624)
 3760861.2 | 0.01625m(11121624)
 3760859.1 | 0.01587m(11121624)
 3760857.1 | 0.01550m(11121624)

```
3760855.0 |        0.01515m(11121624)
3760853.0 |        0.01481m(11121624)
3760851.0 |        0.01449m(11121624)
3760848.9 |        0.01418m(11121624)
3760846.9 |        0.01388m(11121624)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                             INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

                                           *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
-
      367892.35   3760313.03   0.00100m (11121624)
367870.38   3761367.80   0.00164m (11121624)
      369382.95   3761298.22   0.00232 (10091124)
369322.52   3760422.90   0.00154m (10042924)
      368631.85   3760876.26   0.01924m (11121624)
368495.18   3760864.36   0.01607m (11121624)
      368451.25   3760814.12   0.00961m (11121624)
368530.38   3760816.06   0.01042m (11121624)
      368075.78   3761058.78   0.02303m (11121624)

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 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:50:38


PAGE  33
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                               *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL       ***
                               INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004     ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008     ,
DPM00009    , DPM00010    , DPM00011    , DPM00012     ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016     ,
DPM00017    , DPM00018    , DPM00019    , DPM00020     ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024     ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

   Y-COORD  |                               X-
COORD (METERS)
   (METERS) |       368518.24          368522.22
368526.20            368530.18          368534.16
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |     0.01824 (11123024)    0.01833 (11123024)
0.01842 (11123024)    0.01851 (11123024)    0.01859
(11123024)
 3760885.6 |     0.01762 (11123024)    0.01771 (11123024)
0.01779 (11123024)    0.01788 (11123024)    0.01795
(11123024)
 3760883.6 |     0.01705 (10120924)    0.01713 (10120924)
0.01721 (10120924)    0.01729 (10120924)    0.01735
(11123024)
 3760881.6 |     0.01652 (10120924)    0.01660 (10120924)
0.01667 (10120924)    0.01674 (10120924)    0.01680
(10120924)
 3760879.5 |     0.01602 (10120924)    0.01609 (10120924)
0.01616 (10120924)    0.01622 (10120924)    0.01628
(10120924)
```

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3760877.5 |      0.01555 (10120924)      0.01561 (10120924)
0.01568 (10120924)     0.01574 (10120924)      0.01579
(10120924)
 3760875.4 |      0.01510 (10120924)      0.01517 (10120924)
0.01522 (10120924)     0.01528 (10120924)      0.01533
(10120924)
 3760873.4 |      0.01469 (10011724)      0.01474 (10120924)
0.01480 (10120924)     0.01485 (10120924)      0.01490
(10120924)
 3760871.4 |      0.01430 (10011724)      0.01435 (10011724)
0.01440 (10011724)     0.01445 (10011724)      0.01449
(10011724)
 3760869.3 |      0.01393 (10011724)      0.01398 (10011724)
0.01402 (10011724)     0.01407 (10011724)      0.01412
(10011724)
 3760867.3 |      0.01357 (10011724)      0.01362 (10011724)
0.01367 (10011724)     0.01371 (10011724)      0.01376
(10011724)
 3760865.2 |      0.01324 (10011724)      0.01329 (10011724)
0.01333 (10011724)     0.01337 (10011724)      0.01341
(10011724)
 3760863.2 |      0.01292 (10011724)      0.01296 (10011724)
0.01300 (10011724)     0.01305 (10011724)      0.01308
(10011724)
 3760861.2 |      0.01262 (10011724)      0.01266 (10011724)
0.01270 (10011724)     0.01274 (10011724)      0.01277
(10011724)
 3760859.1 |      0.01233 (10011724)      0.01236 (10011724)
0.01240 (10011724)     0.01244 (10011724)      0.01247
(10011724)
 3760857.1 |      0.01204 (11012524)      0.01208 (11012524)
0.01212 (11012524)     0.01216 (10011724)      0.01219
(10011724)
 3760855.0 |      0.01177 (11012524)      0.01180 (11012524)
0.01184 (11012524)     0.01188 (11012524)      0.01191
(11012524)
 3760853.0 |      0.01150 (11012524)      0.01154 (11012524)
0.01157 (11012524)     0.01161 (11012524)      0.01164
(11012524)
 3760851.0 |      0.01125 (11012524)      0.01129 (11012524)
0.01132 (11012524)     0.01135 (11012524)      0.01138
(11012524)
 3760848.9 |      0.01101 (11012524)      0.01104 (11012524)
0.01108 (11012524)     0.01111 (11012524)      0.01114
(11012524)
 3760846.9 |      0.01078 (11012524)      0.01081 (11012524)
0.01084 (11012524)     0.01087 (11012524)      0.01090
(11012524)
```

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***         04/25/17
 *** AERMET - VERSION  14134 ***    ***
***         16:50:38


PAGE  34
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                 *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                                INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

   Y-COORD  |                                          X-
COORD (METERS)
   (METERS) |      368538.14            368542.12
368546.10            368550.08            368554.06
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |      0.01867 (11123024)      0.01875 (11123024)
0.01881 (11123024)      0.01887 (11123024)      0.01893
(11123024)
 3760885.6 |      0.01803 (11123024)      0.01810 (11123024)
0.01815 (11123024)      0.01821 (11123024)      0.01826
(11123024)
 3760883.6 |      0.01742 (11123024)      0.01749 (11123024)
0.01754 (11123024)      0.01760 (11123024)      0.01764
(11123024)
 3760881.6 |      0.01686 (10120924)      0.01692 (10120924)
0.01697 (10120924)      0.01702 (11123024)      0.01706
(11123024)
 3760879.5 |      0.01634 (10120924)      0.01640 (10120924)
0.01644 (10120924)      0.01649 (10120924)      0.01652
(10120924)


                            64
```

```
3760877.5 |      0.01585 (10120924)      0.01590 (10120924)
0.01594 (10120924)      0.01599 (10120924)      0.01602
(10120924)
3760875.4 |      0.01539 (10120924)      0.01544 (10120924)
0.01548 (10120924)      0.01552 (10120924)      0.01555
(10120924)
3760873.4 |      0.01495 (10120924)      0.01500 (10120924)
0.01503 (10120924)      0.01507 (10120924)      0.01510
(10120924)
3760871.4 |      0.01454 (10120924)      0.01458 (10120924)
0.01462 (10120924)      0.01465 (10120924)      0.01468
(10120924)
3760869.3 |      0.01416 (10011724)      0.01419 (10011724)
0.01423 (10011724)      0.01426 (10011724)      0.01428
(10011724)
3760867.3 |      0.01379 (10011724)      0.01383 (10011724)
0.01386 (10011724)      0.01389 (10011724)      0.01391
(10011724)
3760865.2 |      0.01345 (10011724)      0.01348 (10011724)
0.01351 (10011724)      0.01354 (10011724)      0.01356
(10011724)
3760863.2 |      0.01312 (10011724)      0.01315 (10011724)
0.01318 (10011724)      0.01320 (10011724)      0.01323
(10011724)
3760861.2 |      0.01280 (10011724)      0.01283 (10011724)
0.01286 (10011724)      0.01289 (10011724)      0.01291
(10011724)
3760859.1 |      0.01250 (10011724)      0.01253 (10011724)
0.01256 (10011724)      0.01258 (10011724)      0.01260
(10011724)
3760857.1 |      0.01222 (10011724)      0.01225 (10011724)
0.01227 (10011724)      0.01229 (10011724)      0.01231
(10011724)
3760855.0 |      0.01194 (11012524)      0.01197 (11012524)
0.01199 (10011724)      0.01201 (10011724)      0.01203
(10011724)
3760853.0 |      0.01167 (11012524)      0.01170 (11012524)
0.01172 (11012524)      0.01174 (11012524)      0.01176
(11012524)
3760851.0 |      0.01141 (11012524)      0.01144 (11012524)
0.01146 (11012524)      0.01148 (11012524)      0.01150
(11012524)
3760848.9 |      0.01116 (11012524)      0.01119 (11012524)
0.01121 (11012524)      0.01123 (11012524)      0.01125
(11012524)
3760846.9 |      0.01092 (11012524)      0.01095 (11012524)
0.01097 (11012524)      0.01099 (11012524)      0.01100
(11012524)
```

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:50:38


PAGE  35
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
             DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
             DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
             DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,


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


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

   Y-COORD  |                                          X-
COORD (METERS)
   (METERS) |       368558.04            368562.02
368566.00             368569.98            368573.96
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |     0.01898 (11123024)     0.01902 (11123024)
0.01906 (11123024)     0.01909 (11123024)     0.01912
(11123024)
 3760885.6 |     0.01831 (11123024)     0.01835 (11123024)
0.01839 (11123024)     0.01841 (11123024)     0.01843
(11123024)
 3760883.6 |     0.01769 (11123024)     0.01772 (11123024)
0.01776 (11123024)     0.01778 (11123024)     0.01780
(11123024)
 3760881.6 |     0.01711 (11123024)     0.01714 (11123024)
0.01717 (11123024)     0.01719 (11123024)     0.01721
(11123024)
 3760879.5 |     0.01656 (10120924)     0.01659 (10120924)
0.01662 (11123024)     0.01663 (11123024)     0.01665
(11123024)


                              66
```

```
3760877.5 |      0.01606 (10120924)      0.01608 (10120924)
0.01611 (10120924)      0.01612 (10120924)      0.01613
(10120924)
 3760875.4 |      0.01558 (10120924)      0.01560 (10120924)
0.01563 (10120924)      0.01564 (10120924)      0.01565
(10120924)
 3760873.4 |      0.01513 (10120924)      0.01515 (10120924)
0.01517 (10120924)      0.01519 (10120924)      0.01520
(10120924)
 3760871.4 |      0.01471 (10120924)      0.01473 (10120924)
0.01475 (10120924)      0.01476 (10120924)      0.01477
(10120924)
 3760869.3 |      0.01431 (10011724)      0.01433 (10011724)
0.01435 (10011724)      0.01436 (10011724)      0.01436
(10011724)
 3760867.3 |      0.01394 (10011724)      0.01395 (10011724)
0.01397 (10011724)      0.01398 (10011724)      0.01399
(10011724)
 3760865.2 |      0.01358 (10011724)      0.01360 (10011724)
0.01362 (10011724)      0.01362 (10011724)      0.01363
(10011724)
 3760863.2 |      0.01325 (10011724)      0.01326 (10011724)
0.01328 (10011724)      0.01328 (10011724)      0.01329
(10011724)
 3760861.2 |      0.01293 (10011724)      0.01294 (10011724)
0.01295 (10011724)      0.01296 (10011724)      0.01297
(10011724)
 3760859.1 |      0.01262 (10011724)      0.01263 (10011724)
0.01265 (10011724)      0.01265 (10011724)      0.01266
(10011724)
 3760857.1 |      0.01233 (10011724)      0.01234 (10011724)
0.01235 (10011724)      0.01236 (10011724)      0.01236
(10011724)
 3760855.0 |      0.01205 (10011724)      0.01206 (10011724)
0.01207 (10011724)      0.01208 (10011724)      0.01208
(10011724)
 3760853.0 |      0.01178 (11012524)      0.01179 (11012524)
0.01180 (11012524)      0.01181 (11012524)      0.01181
(10011724)
 3760851.0 |      0.01151 (11012524)      0.01153 (11012524)
0.01154 (11012524)      0.01154 (11012524)      0.01155
(11012524)
 3760848.9 |      0.01126 (11012524)      0.01127 (11012524)
0.01128 (11012524)      0.01129 (11012524)      0.01129
(11012524)
 3760846.9 |      0.01102 (11012524)      0.01103 (11012524)
0.01104 (11012524)      0.01104 (11012524)      0.01105
(11012524)
```

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/25/17
 *** AERMET – VERSION  14134 ***   ***
***        16:50:38
```

```
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                              *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .    ,


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


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

  Y-COORD  |                                        X-
COORD (METERS)
  (METERS) |      368577.94          368581.92
368585.90           368589.88          368593.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.01913 (11123024)     0.01913 (11123024)
0.01913 (11123024)     0.01912 (11123024)     0.01909
(11123024)
 3760885.6 |     0.01844 (11123024)     0.01845 (11123024)
0.01844 (11123024)     0.01843 (11123024)     0.01841
(11123024)
 3760883.6 |     0.01781 (11123024)     0.01781 (11123024)
0.01781 (11123024)     0.01780 (11123024)     0.01777
(11123024)
 3760881.6 |     0.01721 (11123024)     0.01722 (11123024)
0.01721 (11123024)     0.01720 (11123024)     0.01718
(11123024)
 3760879.5 |     0.01666 (11123024)     0.01666 (11123024)
0.01665 (11123024)     0.01664 (11123024)     0.01662
(11123024)
```

```
3760877.5 |      0.01614 (10120924)      0.01614 (11123024)
0.01613 (11123024)     0.01612 (11123024)     0.01610
(11123024)
3760875.4 |      0.01566 (10120924)      0.01566 (10120924)
0.01565 (10120924)     0.01564 (10120924)     0.01562
(10120924)
3760873.4 |      0.01520 (10120924)      0.01520 (10120924)
0.01519 (10120924)     0.01518 (10120924)     0.01516
(10120924)
3760871.4 |      0.01477 (10120924)      0.01477 (10120924)
0.01476 (10120924)     0.01475 (10120924)     0.01474
(10120924)
3760869.3 |      0.01437 (10011724)      0.01437 (10011724)
0.01436 (10120924)     0.01435 (10120924)     0.01433
(10120924)
3760867.3 |      0.01399 (10011724)      0.01399 (10011724)
0.01398 (10011724)     0.01397 (10011724)     0.01395
(10011724)
3760865.2 |      0.01363 (10011724)      0.01363 (10011724)
0.01362 (10011724)     0.01361 (10011724)     0.01360
(10011724)
3760863.2 |      0.01329 (10011724)      0.01329 (10011724)
0.01328 (10011724)     0.01327 (10011724)     0.01326
(10011724)
3760861.2 |      0.01297 (10011724)      0.01297 (10011724)
0.01296 (10011724)     0.01295 (10011724)     0.01294
(10011724)
3760859.1 |      0.01266 (10011724)      0.01266 (10011724)
0.01265 (10011724)     0.01264 (10011724)     0.01263
(10011724)
3760857.1 |      0.01236 (10011724)      0.01236 (10011724)
0.01236 (10011724)     0.01235 (10011724)     0.01233
(10011724)
3760855.0 |      0.01208 (10011724)      0.01208 (10011724)
0.01207 (10011724)     0.01207 (10011724)     0.01205
(10011724)
3760853.0 |      0.01181 (10011724)      0.01181 (10011724)
0.01181 (10011724)     0.01180 (10011724)     0.01178
(10011724)
3760851.0 |      0.01155 (11012524)      0.01155 (11012524)
0.01154 (11012524)     0.01154 (11012524)     0.01153
(10011724)
3760848.9 |      0.01129 (11012524)      0.01129 (11012524)
0.01129 (11012524)     0.01128 (11012524)     0.01127
(11012524)
3760846.9 |      0.01105 (11012524)      0.01105 (11012524)
0.01105 (11012524)     0.01104 (11012524)     0.01103
(11012524)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                 *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
                DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
                DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
                DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368597.84
 -
- -
-

 3760887.7 | 0.01905 (11123024)
 3760885.6 | 0.01837 (11123024)
 3760883.6 | 0.01774 (11123024)
 3760881.6 | 0.01715 (11123024)
 3760879.5 | 0.01660 (11123024)
 3760877.5 | 0.01608 (11123024)
 3760875.4 | 0.01559 (10120924)
 3760873.4 | 0.01514 (10120924)
 3760871.4 | 0.01471 (10120924)
 3760869.3 | 0.01431 (10120924)
 3760867.3 | 0.01394 (10011724)
 3760865.2 | 0.01358 (10011724)
 3760863.2 | 0.01324 (10011724)
 3760861.2 | 0.01292 (10011724)
 3760859.1 | 0.01261 (10011724)
 3760857.1 | 0.01232 (10011724)

```
3760855.0 |        0.01204 (10011724)
3760853.0 |        0.01177 (10011724)
3760851.0 |        0.01151 (10011724)
3760848.9 |        0.01126 (11012524)
3760846.9 |        0.01102 (11012524)
```

```
 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/25/17
 *** AERMET – VERSION  14134 ***   ***
***        16:50:38

PAGE  38
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN

                              *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL       ***
                           INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
             DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
             DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
             DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    ,  . . .     ,


                               *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

     X-COORD (M)  Y-COORD (M)     CONC    (YYMMDDHH)
X-COORD (M)  Y-COORD (M)     CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-
      367892.35   3760313.03      0.00089  (11010524)
367870.38   3761367.80      0.00126  (11012524)
      369382.95   3761298.22      0.00216  (07090724)
369322.52   3760422.90      0.00103  (08021524)
      368631.85   3760876.26      0.01532  (11123024)
368495.18   3760864.36      0.01280  (10011724)
      368451.25   3760814.12      0.00757m (11112624)
368530.38   3760816.06      0.00821  (10120924)
      368075.78   3761058.78      0.01864  (09010924)
```

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:50:38

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE SUMMARY OF MAXIMUM
ANNUAL RESULTS AVERAGED OVER   5 YEARS ***

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

NETWORK
GROUP ID   AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL   1ST HIGHEST VALUE IS   0.01277 AT (368581.92,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         2ND HIGHEST VALUE IS   0.01277 AT (368585.90,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         3RD HIGHEST VALUE IS   0.01276 AT (368577.94,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         4TH HIGHEST VALUE IS   0.01276 AT (368589.88,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         5TH HIGHEST VALUE IS   0.01276 AT (368573.96,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         6TH HIGHEST VALUE IS   0.01275 AT (368593.86,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         7TH HIGHEST VALUE IS   0.01274 AT (368569.98,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
         8TH HIGHEST VALUE IS   0.01273 AT (368597.84,
3760887.69,   12.00,   12.00,   0.00) GC UCART1
         9TH HIGHEST VALUE IS   0.01272 AT (368566.00,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
        10TH HIGHEST VALUE IS   0.01269 AT (368562.02,
3760887.69,   11.50,   11.50,   0.00) GC UCART1

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

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```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET - VERSION  14134 ***    ***
***          16:50:38

PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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



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


                                                  DATE
NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


ALL      HIGH   1ST HIGH VALUE IS      0.08213  ON 10100517: AT
(  368075.78,  3761058.78,     9.16,     9.16,    0.00)  DC


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

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:50:38

PAGE   41
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                          *** THE SUMMARY
OF HIGHEST 24-HR RESULTS ***

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

                                          DATE
NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   0.02387m ON 11121624: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1
         HIGH   6TH HIGH VALUE IS   0.01913 ON 11123024: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1

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

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PAGE 42
 *** 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   0 Warning Message(s)
 A Total of   1107 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   5 Calm Hours Identified

 A Total of   1102 Missing Hours Identified (2.51
Percent)

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

     ********   WARNING MESSAGES   ********
              *** NONE ***

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

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```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:50:38


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    63
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  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:
         TEMP_Sub - Meteorological data includes TEMP
substitutions


 **Model Assumes No FLAGPOLE Receptor Heights.


 **The User Specified a Pollutant Type of:  PM_10


 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages


 **This Run Includes:     63 Source(s);      1 Source Group(s);
and     450 Receptor(s)


               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)


                  2
```

```
                     and:      63 VOLUME source(s)
                     and:       0 AREA type source(s)
                     and:       0 LINE source(s)
                     and:       0 OPENPIT source(s)
                     and:       0 BUOYANT LINE source(s) with      0
line(s)


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

 **The AERMET Input Meteorological Data Version Date:  14134

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

 **NOTE:  The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

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

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

 **Detailed Error/Message File:   Del Rey Pointe2_9year.err
 **File for Summary of Results:   Del Rey Pointe2_9year.sum
```

PAGE   2
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                    *** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***
                                                      (1
=YES; 0=NO)

          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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

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

(METERS/SEC)

                                    1.54,   3.09,
5.14,   8.23, 10.80,

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***      04/25/17
 *** AERMET - VERSION  14134 ***   ***
***        16:50:38


PAGE   3
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


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

   Surface file:   laxh8.sfc
Met Version: 14134
   Profile file:   laxh8.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:        0                  Upper air
station no.:     3190
                   Name: UNKNOWN
Name: UNKNOWN
                   Year:   2007
Year:   2007


 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 07 01 01   1 01   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00  1.00    1.30   25.   9.1  282.5    5.5
 07 01 01   1 02   -3.2  0.071 -9.000 -9.000 -999.   45.    10.0
0.23  1.00  1.00    1.30   39.   9.1  282.5    5.5
 07 01 01   1 03   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00  1.00    1.30   48.   9.1  282.5    5.5
 07 01 01   1 04   -3.7  0.071 -9.000 -9.000 -999.   45.     8.6
0.23  1.00  1.00    1.30   49.   9.1  282.0    5.5
 07 01 01   1 05   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00  1.00    1.30   52.   9.1  282.0    5.5
 07 01 01   1 06   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23  1.00  1.00    1.30   28.   9.1  281.4    5.5
 07 01 01   1 07   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23  1.00  1.00    1.30   69.   9.1  281.4    5.5
 07 01 01   1 08   -2.0  0.049 -9.000 -9.000 -999.   26.     5.4
0.23  1.00  0.53    0.90   64.   9.1  280.9    5.5
 07 01 01   1 09   25.4  0.176  0.494  0.005  171.  178.   -19.4
0.23  1.00  0.30    1.30   75.   9.1  283.8    5.5
 07 01 01   1 10   79.7  0.248  1.040  0.005  508.  297.   -17.2
0.23  1.00  0.22    1.80   85.   9.1  285.9    5.5
 07 01 01   1 11  114.2  0.257  1.365  0.007  803.  313.   -13.4
0.23  1.00  0.19    1.80  110.   9.1  288.8    5.5
 07 01 01   1 12  133.3  0.300  1.593  0.018 1091.  395.   -18.3
0.23  1.00  0.18    2.20  111.   9.1  289.9    5.5
```

```
 07 01 01    1 13  131.8  0.389  1.659  0.022 1247.  581.     -40.1
0.23   1.00   0.18    3.10  243.    9.1  288.8    5.5
 07 01 01    1 14  110.8  0.345  1.573  0.021 1264.  487.     -33.3
0.23   1.00   0.19    2.70  244.    9.1  289.2    5.5
 07 01 01    1 15   78.6  0.375  1.407  0.021 1276.  551.     -60.4
0.23   1.00   0.22    3.10  222.    9.1  289.2    5.5
 07 01 01    1 16   30.6  0.318  1.028  0.021 1278.  431.     -94.1
0.23   1.00   0.31    2.70  242.    9.1  289.9    5.5
 07 01 01    1 17   -8.0  0.098 -9.000 -9.000 -999.  143.      10.6
0.23   1.00   0.57    1.80  219.    9.1  288.8    5.5
 07 01 01    1 18   -2.1  0.049 -9.000 -9.000 -999.   36.       5.1
0.23   1.00   1.00    0.90  141.    9.1  286.4    5.5
 07 01 01    1 19   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90   75.    9.1  286.4    5.5
 07 01 01    1 20   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90  333.    9.1  287.5    5.5
 07 01 01    1 21   -4.5  0.071 -9.000 -9.000 -999.   45.       7.1
0.23   1.00   1.00    1.30   85.    9.1  286.4    5.5
 07 01 01    1 22   -4.5  0.071 -9.000 -9.000 -999.   45.       7.1
0.23   1.00   1.00    1.30   83.    9.1  286.4    5.5
 07 01 01    1 23   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90  299.    9.1  286.4    5.5
 07 01 01    1 24   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90   59.    9.1  285.4    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA   sigmaW
sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   282.6
99.0  -99.00  -99.00
 07 01 01 01    9.1 1   25.    1.30  -999.0
99.0  -99.00  -99.00

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

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/25/17
 *** AERMET – VERSION 14134 ***   ***
***   16:50:38

PAGE   4
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                       *** THE SUMMARY OF MAXIMUM
ANNUAL RESULTS AVERAGED OVER   5 YEARS ***

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

NETWORK
GROUP ID   AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL   1ST HIGHEST VALUE IS   0.01277 AT (368581.92,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         2ND HIGHEST VALUE IS   0.01277 AT (368585.90,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         3RD HIGHEST VALUE IS   0.01276 AT (368577.94,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         4TH HIGHEST VALUE IS   0.01276 AT (368589.88,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         5TH HIGHEST VALUE IS   0.01276 AT (368573.96,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         6TH HIGHEST VALUE IS   0.01275 AT (368593.86,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         7TH HIGHEST VALUE IS   0.01274 AT (368569.98,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
         8TH HIGHEST VALUE IS   0.01273 AT (368597.84,
3760887.69,   12.00,   12.00,   0.00) GC UCART1
         9TH HIGHEST VALUE IS   0.01272 AT (368566.00,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
        10TH HIGHEST VALUE IS   0.01269 AT (368562.02,
3760887.69,   11.50,   11.50,   0.00) GC UCART1

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

                              7

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET – VERSION  14134 ***    ***
***         16:50:38

PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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



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


                                        DATE
NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      0.08213  ON 10100517: AT
(  368075.78,  3761058.78,    9.16,    9.16,    0.00)  DC


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

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```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/25/17
 *** AERMET – VERSION  14134 ***    ***
***         16:50:38

PAGE   6
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                              *** THE SUMMARY
OF HIGHEST 24–HR RESULTS ***


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


                                                 DATE
NETWORK
GROUP ID                             AVERAGE CONC      (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL     HIGH   1ST HIGH VALUE IS     0.02387m ON 11121624: AT
( 368581.92,  3760887.69,   11.80,   11.80,   0.00)  GC
UCART1
        HIGH    6TH HIGH VALUE IS     0.01913  ON 11123024: AT
( 368581.92,  3760887.69,   11.80,   11.80,   0.00)  GC
UCART1


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

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```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***         04/25/17
 *** AERMET - VERSION  14134 ***    ***
***        16:50:38

PAGE   7
 *** 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           0 Warning Message(s)
 A Total of        1107 Informational Message(s)

 A Total of       43824 Hours Were Processed

 A Total of           5 Calm Hours Identified

 A Total of        1102 Missing Hours Identified (  2.51
Percent)


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


     ********   WARNING MESSAGES   ********
               ***  NONE  ***
```

10
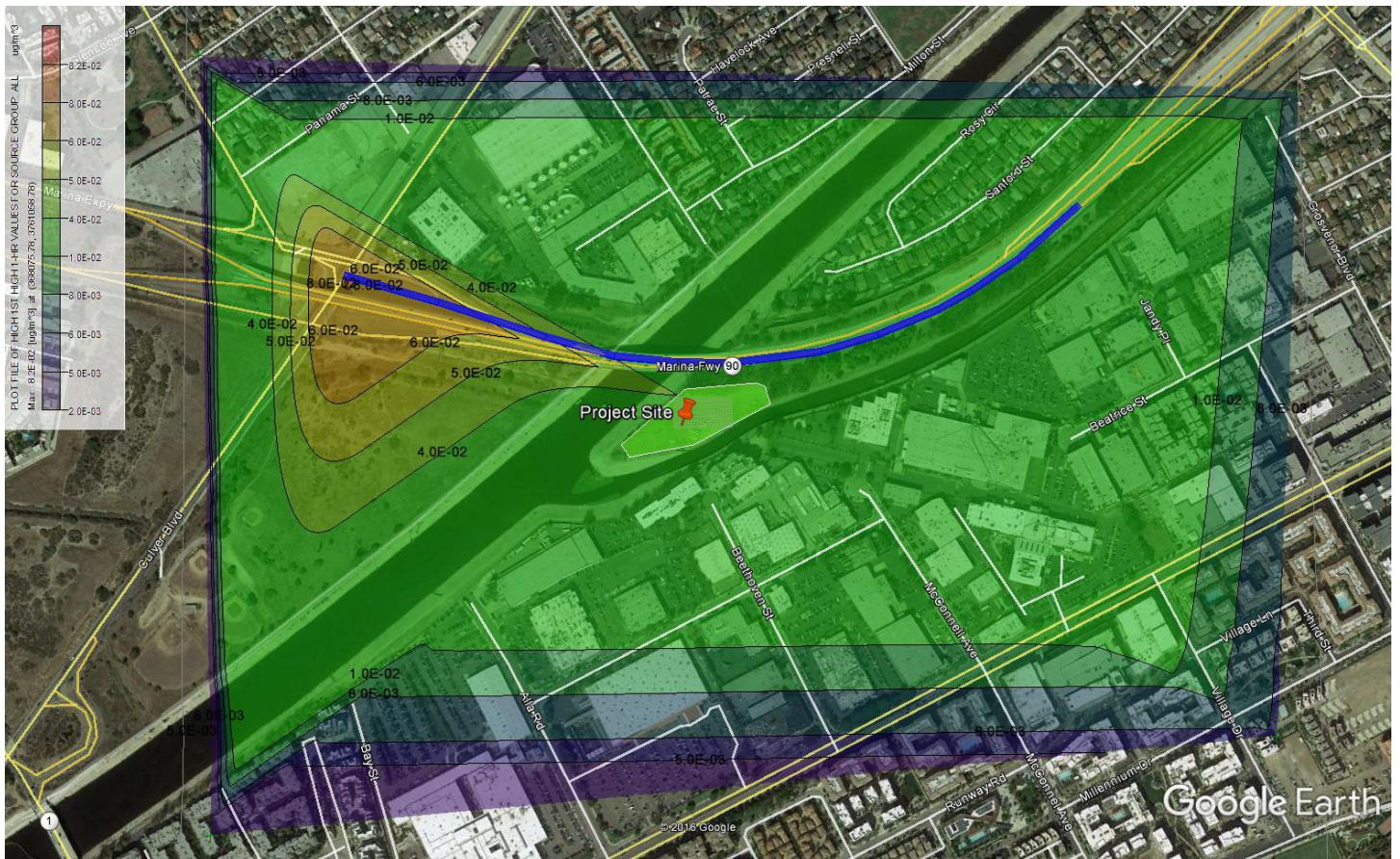
Results Summary

C:\Users\jayp959\Desktop\Jared\Del Rey Pointe\Del Rey Pointe.isc

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.08213	ug/m^3	368075.78	3761058.78	9.16	0.00	9.16	10/5/2010, 17
24-HR	1ST	0.02387	ug/m^3	368577.94	3760887.69	11.70	0.00	11.70	12/16/2011, 24
24-HR	6TH	0.01913	ug/m^3	368577.94	3760887.69	11.70	0.00	11.70	12/30/2011, 24
ANNUAL		0.01277	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	

```
**
*****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.3.0
** Lakes Environmental Software Inc.
** Date: 4/26/2017
** File: C:\Users\jjerome\Desktop\Del Rey Pointe\Del Rey Pointe2_
70year\Del Rey Pointe2_70year.ADI
**
*****************************************
**
**
*****************************************
** AERMOD Control Pathway
*****************************************
**
**
CO STARTING
   TITLEONE C:\Users\jayp959\Desktop\Jared\Del Rey Pointe\Del Rey
Pointe.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 24 ANNUAL
   URBANOPT 9862049
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Del Rey Pointe2_70year.err"
CO FINISHED
**
*****************************************
** AERMOD Source Pathway
*****************************************
**
**
SO STARTING
** Source Location **
** Source ID – Type – X Coord. – Y Coord. **
** -----------------------------------------------------------
-------
** Line Source Represented by Separated Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Del Rey Pointe DPM
** PREFIX DPM
** Length of Side = 8.59
** Configuration = Separated
** Emission Rate = 0.000491613
** Vertical Dimension = 7.26
** SZINIT = 3.38
** Nodes = 12
** 368073.582, 3761059.867, 9.07, 3.63, 7.98
** 368202.904, 3761020.609, 10.00, 3.63, 7.98
** 368347.622, 3760971.343, 10.52, 3.63, 7.98
```

```
** 368439.225, 3760945.171, 11.00, 3.63, 7.98
** 368524.670, 3760935.933, 11.01, 3.63, 7.98
** 368596.259, 3760932.854, 11.98, 3.63, 7.98
** 368718.653, 3760946.710, 12.51, 3.63, 7.98
** 368794.861, 3760968.264, 12.90, 3.63, 7.98
** 368877.997, 3761001.364, 13.21, 3.63, 7.98
** 368922.644, 3761025.997, 13.57, 3.63, 7.98
** 368988.075, 3761068.335, 14.08, 3.63, 7.98
** 369071.980, 3761140.694, 15.05, 3.63, 7.98
** -------------------------------------------------------------
-------
    LOCATION DPM00001      VOLUME      368077.692 3761058.620 9.10
    LOCATION DPM00002      VOLUME      368094.111 3761053.635 9.22
    LOCATION DPM00003      VOLUME      368110.530 3761048.651 9.34
    LOCATION DPM00004      VOLUME      368126.950 3761043.666 9.45
    LOCATION DPM00005      VOLUME      368143.369 3761038.682 9.57
    LOCATION DPM00006      VOLUME      368159.789 3761033.697 9.69
    LOCATION DPM00007      VOLUME      368176.208 3761028.713 9.81
    LOCATION DPM00008      VOLUME      368192.628 3761023.728 9.93
    LOCATION DPM00009      VOLUME      368208.981 3761018.540 10.02
    LOCATION DPM00010      VOLUME      368225.225 3761013.010 10.08
    LOCATION DPM00011      VOLUME      368241.469 3761007.480 10.14
    LOCATION DPM00012      VOLUME      368257.713 3761001.950 10.20
    LOCATION DPM00013      VOLUME      368273.957 3760996.421 10.26
    LOCATION DPM00014      VOLUME      368290.201 3760990.891 10.31
    LOCATION DPM00015      VOLUME      368306.445 3760985.361 10.37
    LOCATION DPM00016      VOLUME      368322.688 3760979.831 10.43
    LOCATION DPM00017      VOLUME      368338.932 3760974.301 10.49
    LOCATION DPM00018      VOLUME      368355.295 3760969.151 10.56
    LOCATION DPM00019      VOLUME      368371.794 3760964.437 10.65
    LOCATION DPM00020      VOLUME      368388.293 3760959.723 10.73
    LOCATION DPM00021      VOLUME      368404.792 3760955.009 10.82
    LOCATION DPM00022      VOLUME      368421.291 3760950.295 10.91
    LOCATION DPM00023      VOLUME      368437.790 3760945.581 10.99
    LOCATION DPM00024      VOLUME      368454.802 3760943.487 11.00
    LOCATION DPM00025      VOLUME      368471.862 3760941.642 11.00
    LOCATION DPM00026      VOLUME      368488.921 3760939.798 11.01
    LOCATION DPM00027      VOLUME      368505.981 3760937.954 11.01
    LOCATION DPM00028      VOLUME      368523.041 3760936.110 11.01
    LOCATION DPM00029      VOLUME      368540.177 3760935.266 11.22
    LOCATION DPM00030      VOLUME      368557.320 3760934.529 11.45
    LOCATION DPM00031      VOLUME      368574.464 3760933.792 11.68
    LOCATION DPM00032      VOLUME      368591.607 3760933.054 11.92
    LOCATION DPM00033      VOLUME      368608.683 3760934.261 12.03
    LOCATION DPM00034      VOLUME      368625.733 3760936.191 12.11
    LOCATION DPM00035      VOLUME      368642.784 3760938.121 12.18
    LOCATION DPM00036      VOLUME      368659.834 3760940.052 12.26
    LOCATION DPM00037      VOLUME      368676.885 3760941.982 12.33
    LOCATION DPM00038      VOLUME      368693.935 3760943.912 12.40
    LOCATION DPM00039      VOLUME      368710.985 3760945.842 12.48
    LOCATION DPM00040      VOLUME      368727.739 3760949.280 12.56
    LOCATION DPM00041      VOLUME      368744.251 3760953.950 12.64
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       LOCATION DPM00042       VOLUME     368760.763 3760958.620 12.73
       LOCATION DPM00043       VOLUME     368777.274 3760963.290 12.81
       LOCATION DPM00044       VOLUME     368793.786 3760967.960 12.89
       LOCATION DPM00045       VOLUME     368809.765 3760974.198 12.96
       LOCATION DPM00046       VOLUME     368825.707 3760980.545 13.02
       LOCATION DPM00047       VOLUME     368841.650 3760986.893 13.07
       LOCATION DPM00048       VOLUME     368857.592 3760993.240 13.13
       LOCATION DPM00049       VOLUME     368873.534 3760999.587 13.19
       LOCATION DPM00050       VOLUME     368888.815 3761007.333 13.30
       LOCATION DPM00051       VOLUME     368903.840 3761015.622 13.42
       LOCATION DPM00052       VOLUME     368918.864 3761023.912 13.54
       LOCATION DPM00053       VOLUME     368933.426 3761032.974 13.65
       LOCATION DPM00054       VOLUME     368947.832 3761042.296 13.77
       LOCATION DPM00055       VOLUME     368962.239 3761051.617 13.88
       LOCATION DPM00056       VOLUME     368976.645 3761060.939 13.99
       LOCATION DPM00057       VOLUME     368990.760 3761070.650 14.11
       LOCATION DPM00058       VOLUME     369003.755 3761081.857 14.26
       LOCATION DPM00059       VOLUME     369016.749 3761093.063 14.41
       LOCATION DPM00060       VOLUME     369029.744 3761104.270 14.56
       LOCATION DPM00061       VOLUME     369042.738 3761115.476 14.71
       LOCATION DPM00062       VOLUME     369055.733 3761126.682 14.86
       LOCATION DPM00063       VOLUME     369068.728 3761137.889 15.01
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
       SRCPARAM DPM00001     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00002     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00003     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00004     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00005     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00006     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00007     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00008     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00009     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00010     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00011     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00012     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00013     0.000007803      3.63       7.98
3.38
       SRCPARAM DPM00014     0.000007803      3.63       7.98
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3.38
     SRCPARAM DPM00015      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00016      0.000007803      3.63      7.98
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     SRCPARAM DPM00017      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00018      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00019      0.000007803      3.63      7.98
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     SRCPARAM DPM00020      0.000007803      3.63      7.98
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     SRCPARAM DPM00021      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00022      0.000007803      3.63      7.98
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     SRCPARAM DPM00023      0.000007803      3.63      7.98
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     SRCPARAM DPM00024      0.000007803      3.63      7.98
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     SRCPARAM DPM00025      0.000007803      3.63      7.98
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     SRCPARAM DPM00026      0.000007803      3.63      7.98
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     SRCPARAM DPM00027      0.000007803      3.63      7.98
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     SRCPARAM DPM00028      0.000007803      3.63      7.98
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     SRCPARAM DPM00029      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00030      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00031      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00032      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00033      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00034      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00035      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00036      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00037      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00038      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00039      0.000007803      3.63      7.98
3.38
     SRCPARAM DPM00040      0.000007803      3.63      7.98
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3.38
   SRCPARAM DPM00041      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00042      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00043      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00044      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00045      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00046      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00047      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00048      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00049      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00050      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00051      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00052      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00053      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00054      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00055      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00056      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00057      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00058      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00059      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00060      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00061      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00062      0.000007803      3.63      7.98
3.38
   SRCPARAM DPM00063      0.000007803      3.63      7.98
3.38
** ----------------------------------------------------------
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   URBANSRC DPM00001
   URBANSRC DPM00002
   URBANSRC DPM00003
```

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URBANSRC DPM00004
URBANSRC DPM00005
URBANSRC DPM00006
URBANSRC DPM00007
URBANSRC DPM00008
URBANSRC DPM00009
URBANSRC DPM00010
URBANSRC DPM00011
URBANSRC DPM00012
URBANSRC DPM00013
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URBANSRC DPM00049
URBANSRC DPM00050
URBANSRC DPM00051
URBANSRC DPM00052
URBANSRC DPM00053
URBANSRC DPM00054
URBANSRC DPM00055
```

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      URBANSRC DPM00056
      URBANSRC DPM00057
      URBANSRC DPM00058
      URBANSRC DPM00059
      URBANSRC DPM00060
      URBANSRC DPM00061
      URBANSRC DPM00062
      URBANSRC DPM00063
      SRCGROUP ALL
SO FINISHED
**
***************************************
** AERMOD Receptor Pathway
***************************************
**
**
RE STARTING
      INCLUDED "Del Rey Pointe2_70year.rou"
RE FINISHED
**
***************************************
** AERMOD Meteorology Pathway
***************************************
**
**
ME STARTING
      SURFFILE laxh8.sfc
      PROFFILE laxh8.PFL
      SURFDATA 0 2007
      UAIRDATA 3190 2007
      SITEDATA 99999 2007
      PROFBASE 42.0 METERS
ME FINISHED
**
***************************************
** AERMOD Output Pathway
***************************************
**
**
OU STARTING
      RECTABLE ALLAVE 1ST
      RECTABLE 1 1ST
      RECTABLE 24 1ST 6TH
** Auto-Generated Plotfiles
      PLOTFILE 1 ALL 1ST "DEL REY POINTE2_70YEAR.AD\01H1GALL.PLT" 31
      PLOTFILE 24 ALL 1ST "DEL REY POINTE2_70YEAR.AD\24H1GALL.PLT"
32
      PLOTFILE 24 ALL 6TH "DEL REY POINTE2_70YEAR.AD\24H6GALL.PLT"
33
      PLOTFILE ANNUAL ALL "DEL REY POINTE2_70YEAR.AD\AN00GALL.PLT"
34
      SUMMFILE "Del Rey Pointe2_70year.sum"
```

7

```
OU FINISHED

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

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/26/17
 *** AERMET - VERSION  14134 ***    ***
***         08:50:04

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    63
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  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:
        TEMP_Sub - Meteorological data includes TEMP
substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:     63 Source(s);     1 Source Group(s);
and     450 Receptor(s)

             with:      0 POINT(s), including
                        0 POINTCAP(s) and     0 POINTHOR(s)

                            9
```

```
                  and:     63 VOLUME source(s)
                  and:      0 AREA type source(s)
                  and:      0 LINE source(s)
                  and:      0 OPENPIT source(s)
                  and:      0 BUOYANT LINE source(s) with      0
line(s)


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

 **The AERMET Input Meteorological Data Version Date:  14134

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

 **NOTE:  The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

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

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

 **Detailed Error/Message File:   Del Rey Pointe2_70year.err
 **File for Summary of Results:   Del Rey Pointe2_70year.sum
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/26/17
 *** AERMET – VERSION 14134 ***   ***
***   08:50:04

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
- -
- -

 DPM00001   0   0.78030E-05 368077.7 3761058.6   9.1
3.63   7.98   3.38   YES
 DPM00002   0   0.78030E-05 368094.1 3761053.6   9.2
3.63   7.98   3.38   YES
 DPM00003   0   0.78030E-05 368110.5 3761048.7   9.3
3.63   7.98   3.38   YES
 DPM00004   0   0.78030E-05 368127.0 3761043.7   9.5
3.63   7.98   3.38   YES
 DPM00005   0   0.78030E-05 368143.4 3761038.7   9.6
3.63   7.98   3.38   YES
 DPM00006   0   0.78030E-05 368159.8 3761033.7   9.7
3.63   7.98   3.38   YES
 DPM00007   0   0.78030E-05 368176.2 3761028.7   9.8
3.63   7.98   3.38   YES
 DPM00008   0   0.78030E-05 368192.6 3761023.7   9.9
3.63   7.98   3.38   YES
 DPM00009   0   0.78030E-05 368209.0 3761018.5   10.0
3.63   7.98   3.38   YES
 DPM00010   0   0.78030E-05 368225.2 3761013.0   10.1
3.63   7.98   3.38   YES
 DPM00011   0   0.78030E-05 368241.5 3761007.5   10.1
3.63   7.98   3.38   YES
 DPM00012   0   0.78030E-05 368257.7 3761001.9   10.2
3.63   7.98   3.38   YES
 DPM00013   0   0.78030E-05 368274.0 3760996.4   10.3
3.63   7.98   3.38   YES
 DPM00014   0   0.78030E-05 368290.2 3760990.9   10.3
3.63   7.98   3.38   YES
 DPM00015   0   0.78030E-05 368306.4 3760985.4   10.4
3.63   7.98   3.38   YES
 DPM00016   0   0.78030E-05 368322.7 3760979.8   10.4

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3.63     7.98     3.38     YES
 DPM00017          0   0.78030E-05   368338.9 3760974.3    10.5
3.63     7.98     3.38     YES
 DPM00018          0   0.78030E-05   368355.3 3760969.2    10.6
3.63     7.98     3.38     YES
 DPM00019          0   0.78030E-05   368371.8 3760964.4    10.7
3.63     7.98     3.38     YES
 DPM00020          0   0.78030E-05   368388.3 3760959.7    10.7
3.63     7.98     3.38     YES
 DPM00021          0   0.78030E-05   368404.8 3760955.0    10.8
3.63     7.98     3.38     YES
 DPM00022          0   0.78030E-05   368421.3 3760950.3    10.9
3.63     7.98     3.38     YES
 DPM00023          0   0.78030E-05   368437.8 3760945.6    11.0
3.63     7.98     3.38     YES
 DPM00024          0   0.78030E-05   368454.8 3760943.5    11.0
3.63     7.98     3.38     YES
 DPM00025          0   0.78030E-05   368471.9 3760941.6    11.0
3.63     7.98     3.38     YES
 DPM00026          0   0.78030E-05   368488.9 3760939.8    11.0
3.63     7.98     3.38     YES
 DPM00027          0   0.78030E-05   368506.0 3760938.0    11.0
3.63     7.98     3.38     YES
 DPM00028          0   0.78030E-05   368523.0 3760936.1    11.0
3.63     7.98     3.38     YES
 DPM00029          0   0.78030E-05   368540.2 3760935.3    11.2
3.63     7.98     3.38     YES
 DPM00030          0   0.78030E-05   368557.3 3760934.5    11.5
3.63     7.98     3.38     YES
 DPM00031          0   0.78030E-05   368574.5 3760933.8    11.7
3.63     7.98     3.38     YES
 DPM00032          0   0.78030E-05   368591.6 3760933.1    11.9
3.63     7.98     3.38     YES
 DPM00033          0   0.78030E-05   368608.7 3760934.3    12.0
3.63     7.98     3.38     YES
 DPM00034          0   0.78030E-05   368625.7 3760936.2    12.1
3.63     7.98     3.38     YES
 DPM00035          0   0.78030E-05   368642.8 3760938.1    12.2
3.63     7.98     3.38     YES
 DPM00036          0   0.78030E-05   368659.8 3760940.1    12.3
3.63     7.98     3.38     YES
 DPM00037          0   0.78030E-05   368676.9 3760942.0    12.3
3.63     7.98     3.38     YES
 DPM00038          0   0.78030E-05   368693.9 3760943.9    12.4
3.63     7.98     3.38     YES
 DPM00039          0   0.78030E-05   368711.0 3760945.8    12.5
3.63     7.98     3.38     YES
 DPM00040          0   0.78030E-05   368727.7 3760949.3    12.6
3.63     7.98     3.38     YES
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 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/26/17
 *** AERMET – VERSION  14134 ***    ***
***        08:50:04


PAGE   3
 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - -


 DPM00041       0   0.78030E-05  368744.3 3760953.9   12.6
3.63    7.98     3.38    YES
 DPM00042       0   0.78030E-05  368760.8 3760958.6   12.7
3.63    7.98     3.38    YES
 DPM00043       0   0.78030E-05  368777.3 3760963.3   12.8
3.63    7.98     3.38    YES
 DPM00044       0   0.78030E-05  368793.8 3760968.0   12.9
3.63    7.98     3.38    YES
 DPM00045       0   0.78030E-05  368809.8 3760974.2   13.0
3.63    7.98     3.38    YES
 DPM00046       0   0.78030E-05  368825.7 3760980.5   13.0
3.63    7.98     3.38    YES
 DPM00047       0   0.78030E-05  368841.6 3760986.9   13.1
3.63    7.98     3.38    YES
 DPM00048       0   0.78030E-05  368857.6 3760993.2   13.1
3.63    7.98     3.38    YES
 DPM00049       0   0.78030E-05  368873.5 3760999.6   13.2
3.63    7.98     3.38    YES
 DPM00050       0   0.78030E-05  368888.8 3761007.3   13.3
3.63    7.98     3.38    YES
 DPM00051       0   0.78030E-05  368903.8 3761015.6   13.4
3.63    7.98     3.38    YES
 DPM00052       0   0.78030E-05  368918.9 3761023.9   13.5
3.63    7.98     3.38    YES
 DPM00053       0   0.78030E-05  368933.4 3761033.0   13.7
3.63    7.98     3.38    YES
 DPM00054       0   0.78030E-05  368947.8 3761042.3   13.8
3.63    7.98     3.38    YES
 DPM00055       0   0.78030E-05  368962.2 3761051.6   13.9
3.63    7.98     3.38    YES
 DPM00056       0   0.78030E-05  368976.6 3761060.9   14.0
```

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```
3.63      7.98      3.38      YES
 DPM00057          0   0.78030E-05   368990.8 3761070.6    14.1
3.63      7.98      3.38      YES
 DPM00058          0   0.78030E-05   369003.8 3761081.9    14.3
3.63      7.98      3.38      YES
 DPM00059          0   0.78030E-05   369016.7 3761093.1    14.4
3.63      7.98      3.38      YES
 DPM00060          0   0.78030E-05   369029.7 3761104.3    14.6
3.63      7.98      3.38      YES
 DPM00061          0   0.78030E-05   369042.7 3761115.5    14.7
3.63      7.98      3.38      YES
 DPM00062          0   0.78030E-05   369055.7 3761126.7    14.9
3.63      7.98      3.38      YES
 DPM00063          0   0.78030E-05   369068.7 3761137.9    15.0
3.63      7.98      3.38      YES
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/26/17
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***   08:50:04

PAGE   4
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                                *** SOURCE IDs
DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE
IDs
 -----------   -------

   ALL   DPM00001   , DPM00002   , DPM00003   ,
DPM00004   , DPM00005   , DPM00006   , DPM00007   ,
DPM00008   ,

            DPM00009   , DPM00010   , DPM00011   ,
DPM00012   , DPM00013   , DPM00014   , DPM00015   ,
DPM00016   ,

            DPM00017   , DPM00018   , DPM00019   ,
DPM00020   , DPM00021   , DPM00022   , DPM00023   ,
DPM00024   ,

            DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , DPM00029   , DPM00030   , DPM00031   ,
DPM00032   ,

            DPM00033   , DPM00034   , DPM00035   ,
DPM00036   , DPM00037   , DPM00038   , DPM00039   ,
DPM00040   ,

            DPM00041   , DPM00042   , DPM00043   ,
DPM00044   , DPM00045   , DPM00046   , DPM00047   ,
DPM00048   ,

            DPM00049   , DPM00050   , DPM00051   ,
DPM00052   , DPM00053   , DPM00054   , DPM00055   ,
DPM00056   ,

            DPM00057   , DPM00058   , DPM00059   ,
DPM00060   , DPM00061   , DPM00062   , DPM00063   ,

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PAGE   5
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

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

            9862049.   DPM00001   , DPM00002   ,
DPM00003   , DPM00004   , DPM00005   , DPM00006   ,
DPM00007   ,
 DPM00008   ,

            DPM00009   , DPM00010   , DPM00011   ,
DPM00012   , DPM00013   , DPM00014   , DPM00015   ,
DPM00016   ,

            DPM00017   , DPM00018   , DPM00019   ,
DPM00020   , DPM00021   , DPM00022   , DPM00023   ,
DPM00024   ,

            DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , DPM00029   , DPM00030   , DPM00031   ,
DPM00032   ,

            DPM00033   , DPM00034   , DPM00035   ,
DPM00036   , DPM00037   , DPM00038   , DPM00039   ,
DPM00040   ,

            DPM00041   , DPM00042   , DPM00043   ,
DPM00044   , DPM00045   , DPM00046   , DPM00047   ,
DPM00048   ,

            DPM00049   , DPM00050   , DPM00051   ,
DPM00052   , DPM00053   , DPM00054   , DPM00055   ,
DPM00056   ,

            DPM00057   , DPM00058   , DPM00059   ,
DPM00060   , DPM00061   , DPM00062   , DPM00063   ,

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/26/17
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PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                    *** GRIDDED RECEPTOR
NETWORK SUMMARY ***

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

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

      368518.2,  368522.2,  368526.2,  368530.2,  368534.2,
368538.1,  368542.1,  368546.1,  368550.1,  368554.1,
      368558.0,  368562.0,  368566.0,  368570.0,  368574.0,
368577.9,  368581.9,  368585.9,  368589.9,  368593.9,
      368597.8,

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

      3760846.9, 3760848.9, 3760851.0, 3760853.0, 3760855.0,
3760857.1, 3760859.1, 3760861.2, 3760863.2, 3760865.2,
      3760867.3, 3760869.3, 3760871.4, 3760873.4, 3760875.4,
3760877.5, 3760879.5, 3760881.6, 3760883.6, 3760885.6,
      3760887.7,
```

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PAGE   7
 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

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

                                        * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
- -
-

  3760887.69 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760885.65 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760883.61 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760881.57 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760879.53 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760877.49 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760875.45 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760873.41 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760871.37 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760869.33 | 11.00   11.00   11.00
11.10   11.20   11.20   11.30   11.30

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```
11.40
  3760867.29 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760865.25 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760863.21 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760861.17 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760859.13 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760857.09 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760855.05 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760853.01 |          11.00          11.00          11.00
11.10        11.20        11.20          11.30          11.30
11.40
  3760850.97 |          11.00          11.00          11.10
11.10        11.20        11.20          11.30          11.30
11.40
  3760848.93 |          11.00          11.00          11.10
11.10        11.20        11.20          11.30          11.30
11.40
  3760846.89 |          11.00          11.00          11.10
11.10        11.20        11.20          11.30          11.30
11.40
```

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 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/26/17
 *** AERMET - VERSION  14134 ***    ***
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PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN

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

                                              * ELEVATION
HEIGHTS IN METERS *

     Y-COORD  |                                          X-
COORD (METERS)
     (METERS) |      368554.06    368558.04    368562.02
368566.00    368569.98    368573.96    368577.94    368581.92
368585.90
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

  3760887.69 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760885.65 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760883.61 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760881.57 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760879.53 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760877.49 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760875.45 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760873.41 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760871.37 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
11.80
  3760869.33 |       11.40       11.50       11.50
11.60       11.60       11.70       11.70       11.80
```

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```
11.80
  3760867.29 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760865.25 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760863.21 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760861.17 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760859.13 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760857.09 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760855.05 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760853.01 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760850.97 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760848.93 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
  3760846.89 |           11.40        11.50        11.50
11.60        11.60        11.70        11.70        11.80
11.80
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/26/17
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***   08:50:04

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                             * ELEVATION
HEIGHTS IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
- -
 -

   3760887.69 | 11.90   11.90   12.00
   3760885.65 | 11.90   11.90   12.00
   3760883.61 | 11.90   11.90   12.00
   3760881.57 | 11.90   11.90   12.00
   3760879.53 | 11.90   11.90   12.00
   3760877.49 | 11.90   11.90   12.00
   3760875.45 | 11.90   11.90   12.00
   3760873.41 | 11.90   11.90   12.00
   3760871.37 | 11.90   11.90   12.00
   3760869.33 | 11.90   11.90   12.00
   3760867.29 | 11.90   11.90   12.00
   3760865.25 | 11.90   11.90   12.00
   3760863.21 | 11.90   11.90   12.00
   3760861.17 | 11.90   11.90   12.00
   3760859.13 | 11.90   11.90   12.00
   3760857.09 | 11.90   11.90   12.00
   3760855.05 | 11.90   11.90   12.00
   3760853.01 | 11.90   11.90   12.00
   3760850.97 | 11.90   11.90   12.00
   3760848.93 | 11.90   11.90   12.00
   3760846.89 | 11.90   11.90   12.00

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                             * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
- -
-

  3760887.69 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760885.65 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760883.61 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760881.57 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760879.53 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760877.49 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760875.45 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760873.41 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760871.37 | 11.00   11.00   11.00
11.10   11.10   11.20   11.30   11.30
11.40
  3760869.33 | 11.00   11.00   11.00
11.10   11.20   11.20   11.30   11.30

23

```
11.40
  3760867.29 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760865.25 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760863.21 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760861.17 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760859.13 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760857.09 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760855.05 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760853.01 |          11.00         11.00         11.00
11.10        11.20       11.20         11.30         11.30
11.40
  3760850.97 |          11.00         11.00         11.10
11.10        11.20       11.20         11.30         11.30
11.40
  3760848.93 |          11.00         11.00         11.10
11.10        11.20       11.20         11.30         11.30
11.40
  3760846.89 |          11.00         11.00         11.10
11.10        11.20       11.20         11.30         11.30
11.40
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                             * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 –
– –
–

  3760887.69 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760885.65 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760883.61 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760881.57 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760879.53 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760877.49 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760875.45 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760873.41 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760871.37 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80
11.80
  3760869.33 | 11.40   11.50   11.50
11.60   11.60   11.70   11.70   11.80

25

```
11.80
  3760867.29 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760865.25 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760863.21 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760861.17 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760859.13 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760857.09 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760855.05 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760853.01 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760850.97 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760848.93 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
  3760846.89 |          11.40        11.50        11.50
11.60       11.60       11.70        11.70        11.80
11.80
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

                                           * HILL HEIGHT
SCALES IN METERS *

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
 -
 -

   3760887.69 | 11.90   11.90   12.00
   3760885.65 | 11.90   11.90   12.00
   3760883.61 | 11.90   11.90   12.00
   3760881.57 | 11.90   11.90   12.00
   3760879.53 | 11.90   11.90   12.00
   3760877.49 | 11.90   11.90   12.00
   3760875.45 | 11.90   11.90   12.00
   3760873.41 | 11.90   11.90   12.00
   3760871.37 | 11.90   11.90   12.00
   3760869.33 | 11.90   11.90   12.00
   3760867.29 | 11.90   11.90   12.00
   3760865.25 | 11.90   11.90   12.00
   3760863.21 | 11.90   11.90   12.00
   3760861.17 | 11.90   11.90   12.00
   3760859.13 | 11.90   11.90   12.00
   3760857.09 | 11.90   11.90   12.00
   3760855.05 | 11.90   11.90   12.00
   3760853.01 | 11.90   11.90   12.00
   3760850.97 | 11.90   11.90   12.00
   3760848.93 | 11.90   11.90   12.00
   3760846.89 | 11.90   11.90   12.00

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

(METERS)

     (367892.3, 3760313.0,   8.8,   8.8,   0.0);
(367870.4, 3761367.8,   8.0,   8.0,   0.0);
     (369383.0, 3761298.2,   18.0,   18.0,   0.0);
(369322.5, 3760422.9,   19.2,   19.2,   0.0);
     (368631.8, 3760876.3,   12.0,   12.0,   0.0);
(368495.2, 3760864.4,   11.0,   11.0,   0.0);
     (368451.2, 3760814.1,   11.0,   11.0,   0.0);
(368530.4, 3760816.1,   11.1,   11.1,   0.0);
     (368075.8, 3761058.8,   9.2,   9.2,   0.0);

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/26/17
 *** AERMET - VERSION  14134 ***   ***
***        08:50:04

PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                          * SOURCE-RECEPTOR COMBINATIONS FOR WHICH
CALCULATIONS MAY NOT BE PERFORMED *
                          LESS THAN 1.0 METER; WITHIN OPENPIT; OR
BEYOND 80KM FOR FASTAREA/FASTALL



                              SOURCE           - - RECEPTOR
LOCATION - -           DISTANCE
                               ID          XR (METERS)    YR
(METERS)          (METERS)
                          - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - -

                          DPM00001          368075.8
3761058.8          -15.24
```

PAGE 15
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                        *** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***
                                                        (1
=YES; 0=NO)

          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

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

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

(METERS/SEC)

                                        1.54,   3.09,
5.14,   8.23, 10.80,

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/26/17
 *** AERMET – VERSION  14134 ***    ***
***        08:50:04

PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


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

   Surface file:   laxh8.sfc
Met Version: 14134
   Profile file:   laxh8.PFL
   Surface format: FREE
   Profile format: FREE
   Surface station no.:        0                  Upper air
station no.:     3190
                    Name: UNKNOWN
Name: UNKNOWN
                    Year:   2007
Year:   2007

 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
 07 01 01   1 01   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00   1.00   1.30   25.   9.1  282.5    5.5
 07 01 01   1 02   -3.2  0.071 -9.000 -9.000 -999.   45.    10.0
0.23  1.00   1.00   1.30   39.   9.1  282.5    5.5
 07 01 01   1 03   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00   1.00   1.30   48.   9.1  282.5    5.5
 07 01 01   1 04   -3.7  0.071 -9.000 -9.000 -999.   45.     8.6
0.23  1.00   1.00   1.30   49.   9.1  282.0    5.5
 07 01 01   1 05   -4.3  0.071 -9.000 -9.000 -999.   45.     7.4
0.23  1.00   1.00   1.30   52.   9.1  282.0    5.5
 07 01 01   1 06   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23  1.00   1.00   1.30   28.   9.1  281.4    5.5
 07 01 01   1 07   -4.4  0.071 -9.000 -9.000 -999.   45.     7.3
0.23  1.00   1.00   1.30   69.   9.1  281.4    5.5
 07 01 01   1 08   -2.0  0.049 -9.000 -9.000 -999.   26.     5.4
0.23  1.00   0.53   0.90   64.   9.1  280.9    5.5
 07 01 01   1 09   25.4  0.176  0.494  0.005  171.  178.   -19.4
0.23  1.00   0.30   1.30   75.   9.1  283.8    5.5
 07 01 01   1 10   79.7  0.248  1.040  0.005  508.  297.   -17.2
0.23  1.00   0.22   1.80   85.   9.1  285.9    5.5
 07 01 01   1 11  114.2  0.257  1.365  0.007  803.  313.   -13.4
0.23  1.00   0.19   1.80  110.   9.1  288.8    5.5
 07 01 01   1 12  133.3  0.300  1.593  0.018 1091.  395.   -18.3
0.23  1.00   0.18   2.20  111.   9.1  289.9    5.5
```

31

```
 07 01 01    1 13  131.8  0.389  1.659  0.022 1247.  581.     -40.1
0.23   1.00   0.18    3.10   243.    9.1  288.8    5.5
 07 01 01    1 14  110.8  0.345  1.573  0.021 1264.  487.     -33.3
0.23   1.00   0.19    2.70   244.    9.1  289.2    5.5
 07 01 01    1 15   78.6  0.375  1.407  0.021 1276.  551.     -60.4
0.23   1.00   0.22    3.10   222.    9.1  289.2    5.5
 07 01 01    1 16   30.6  0.318  1.028  0.021 1278.  431.     -94.1
0.23   1.00   0.31    2.70   242.    9.1  289.9    5.5
 07 01 01    1 17   -8.0  0.098 -9.000 -9.000 -999.  143.      10.6
0.23   1.00   0.57    1.80   219.    9.1  288.8    5.5
 07 01 01    1 18   -2.1  0.049 -9.000 -9.000 -999.   36.       5.1
0.23   1.00   1.00    0.90   141.    9.1  286.4    5.5
 07 01 01    1 19   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90    75.    9.1  286.4    5.5
 07 01 01    1 20   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90   333.    9.1  287.5    5.5
 07 01 01    1 21   -4.5  0.071 -9.000 -9.000 -999.   45.       7.1
0.23   1.00   1.00    1.30    85.    9.1  286.4    5.5
 07 01 01    1 22   -4.5  0.071 -9.000 -9.000 -999.   45.       7.1
0.23   1.00   1.00    1.30    83.    9.1  286.4    5.5
 07 01 01    1 23   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90   299.    9.1  286.4    5.5
 07 01 01    1 24   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90    59.    9.1  285.4    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA   sigmaW
sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   282.6
99.0  -99.00  -99.00
 07 01 01 01    9.1 1   25.    1.30  -999.0
99.0  -99.00  -99.00

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

PAGE 17
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                    *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
                DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
                DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
                DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

    Y-COORD | X-
COORD (METERS)
    (METERS) | 368518.24   368522.22   368526.20
368530.18   368534.16   368538.14   368542.12   368546.10
368550.08
 -
- -
-

  3760887.69 | 0.02137   0.02147   0.02157
0.02168   0.02177   0.02187   0.02196   0.02203
0.02211
  3760885.65 | 0.02066   0.02076   0.02085
0.02096   0.02104   0.02113   0.02121   0.02128
0.02136
  3760883.61 | 0.02000   0.02009   0.02018
0.02028   0.02035   0.02044   0.02052   0.02058
0.02065
  3760881.57 | 0.01938   0.01947   0.01955
0.01964   0.01971   0.01979   0.01986   0.01992
0.01999
  3760879.53 | 0.01880   0.01888   0.01896
0.01904   0.01911   0.01918   0.01925   0.01931

```
0.01937
   3760877.49 |        0.01825        0.01832        0.01840
0.01848        0.01854        0.01861        0.01867        0.01873
0.01878
   3760875.45 |        0.01773        0.01780        0.01787
0.01794        0.01800        0.01807        0.01813        0.01818
0.01823
   3760873.41 |        0.01724        0.01731        0.01737
0.01744        0.01750        0.01756        0.01762        0.01766
0.01771
   3760871.37 |        0.01677        0.01684        0.01690
0.01696        0.01702        0.01708        0.01713        0.01717
0.01722
   3760869.33 |        0.01633        0.01639        0.01645
0.01651        0.01657        0.01662        0.01667        0.01671
0.01675
   3760867.29 |        0.01591        0.01597        0.01602
0.01608        0.01614        0.01618        0.01623        0.01627
0.01631
   3760865.25 |        0.01551        0.01557        0.01562
0.01568        0.01573        0.01577        0.01582        0.01585
0.01589
   3760863.21 |        0.01513        0.01518        0.01523
0.01529        0.01534        0.01538        0.01542        0.01545
0.01549
   3760861.17 |        0.01477        0.01482        0.01487
0.01492        0.01496        0.01500        0.01504        0.01508
0.01511
   3760859.13 |        0.01442        0.01447        0.01452
0.01456        0.01461        0.01465        0.01468        0.01471
0.01475
   3760857.09 |        0.01409        0.01414        0.01418
0.01423        0.01427        0.01430        0.01434        0.01437
0.01440
   3760855.05 |        0.01377        0.01382        0.01386
0.01390        0.01394        0.01398        0.01401        0.01404
0.01407
   3760853.01 |        0.01347        0.01351        0.01355
0.01359        0.01363        0.01367        0.01370        0.01372
0.01375
   3760850.97 |        0.01318        0.01322        0.01326
0.01330        0.01334        0.01337        0.01340        0.01342
0.01345
   3760848.93 |        0.01290        0.01294        0.01298
0.01301        0.01305        0.01308        0.01311        0.01313
0.01316
   3760846.89 |        0.01263        0.01267        0.01271
0.01274        0.01278        0.01280        0.01283        0.01285
0.01288
```

PAGE 18
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

    Y-COORD | X-
COORD (METERS)
    (METERS) | 368554.06   368558.04   368562.02
368566.00   368569.98   368573.96   368577.94   368581.92
368585.90
 -
- -
-

  3760887.69 | 0.02217   0.02224   0.02228
0.02233   0.02236   0.02240   0.02241   0.02242
0.02242
  3760885.65 | 0.02141   0.02147   0.02151
0.02156   0.02159   0.02162   0.02163   0.02164
0.02163
  3760883.61 | 0.02070   0.02076   0.02080
0.02084   0.02086   0.02089   0.02090   0.02091
0.02090
  3760881.57 | 0.02003   0.02009   0.02012
0.02016   0.02018   0.02021   0.02022   0.02022
0.02022
  3760879.53 | 0.01941   0.01946   0.01949
0.01953   0.01955   0.01957   0.01958   0.01958

```
0.01958
  3760877.49 |        0.01882      0.01887      0.01890
0.01893      0.01895      0.01897      0.01898      0.01898
0.01898
  3760875.45 |        0.01827      0.01831      0.01834
0.01837      0.01839      0.01841      0.01841      0.01842
0.01841
  3760873.41 |        0.01775      0.01779      0.01781
0.01784      0.01786      0.01787      0.01788      0.01788
0.01787
  3760871.37 |        0.01725      0.01729      0.01731
0.01734      0.01735      0.01737      0.01737      0.01738
0.01737
  3760869.33 |        0.01678      0.01682      0.01684
0.01687      0.01688      0.01689      0.01690      0.01690
0.01689
  3760867.29 |        0.01634      0.01637      0.01639
0.01642      0.01643      0.01644      0.01645      0.01645
0.01644
  3760865.25 |        0.01592      0.01595      0.01597
0.01599      0.01600      0.01601      0.01602      0.01602
0.01601
  3760863.21 |        0.01552      0.01555      0.01557
0.01558      0.01560      0.01561      0.01561      0.01561
0.01561
  3760861.17 |        0.01514      0.01516      0.01518
0.01520      0.01521      0.01522      0.01522      0.01522
0.01522
  3760859.13 |        0.01477      0.01480      0.01481
0.01483      0.01484      0.01485      0.01485      0.01485
0.01485
  3760857.09 |        0.01442      0.01445      0.01446
0.01448      0.01449      0.01450      0.01450      0.01450
0.01449
  3760855.05 |        0.01409      0.01411      0.01413
0.01414      0.01415      0.01416      0.01416      0.01416
0.01416
  3760853.01 |        0.01377      0.01380      0.01381
0.01382      0.01383      0.01384      0.01384      0.01384
0.01384
  3760850.97 |        0.01347      0.01349      0.01350
0.01352      0.01352      0.01353      0.01353      0.01353
0.01353
  3760848.93 |        0.01318      0.01320      0.01321
0.01322      0.01323      0.01324      0.01324      0.01324
0.01323
  3760846.89 |        0.01290      0.01292      0.01293
0.01294      0.01295      0.01295      0.01295      0.01295
0.01295
```

PAGE 19
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                      *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

     Y-COORD | X-
COORD (METERS)
     (METERS) | 368589.88   368593.86   368597.84
 -
 -
 -

  3760887.69 | 0.02241   0.02238   0.02235
  3760885.65 | 0.02163   0.02160   0.02156
  3760883.61 | 0.02089   0.02087   0.02084
  3760881.57 | 0.02021   0.02018   0.02016
  3760879.53 | 0.01957   0.01955   0.01952
  3760877.49 | 0.01897   0.01894   0.01892
  3760875.45 | 0.01840   0.01838   0.01836
  3760873.41 | 0.01787   0.01785   0.01782
  3760871.37 | 0.01736   0.01734   0.01732
  3760869.33 | 0.01689   0.01687   0.01685
  3760867.29 | 0.01643   0.01642   0.01640
  3760865.25 | 0.01601   0.01599   0.01597
  3760863.21 | 0.01560   0.01558   0.01557
  3760861.17 | 0.01521   0.01520   0.01518
  3760859.13 | 0.01484   0.01483   0.01481
  3760857.09 | 0.01449   0.01448   0.01446

37

```
3760855.05 |        0.01415        0.01414        0.01413
3760853.01 |        0.01383        0.01382        0.01380
3760850.97 |        0.01352        0.01351        0.01350
3760848.93 |        0.01323        0.01322        0.01320
3760846.89 |        0.01294        0.01293        0.01292
```

PAGE 20
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                   *** THE ANNUAL AVERAGE CONCENTRATION   VALUES
AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

                                       *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)   CONC
X-COORD (M)   Y-COORD (M)   CONC
 -
- -
        367892.35   3760313.03   0.00091
367870.38   3761367.80   0.00146
        369382.95   3761298.22   0.00218
369322.52   3760422.90   0.00083
        368631.85   3760876.26   0.01806
368495.18   3760864.36   0.01497
        368451.25   3760814.12   0.00887
368530.38   3760816.06   0.00963
        368075.78   3761058.78   0.02087

PAGE 21
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368518.24   368522.22
368526.20   368530.18   368534.16
 -
- -
-

 3760887.7 | 0.06788 (10011716)   0.06812 (10011716)
0.06833 (10011716)   0.06858 (10011716)   0.06876
(10011716)
 3760885.6 | 0.06594 (10011716)   0.06616 (10011716)
0.06636 (10011716)   0.06658 (10011716)   0.06676
(10011716)
 3760883.6 | 0.06410 (10011716)   0.06430 (10011716)
0.06449 (10011716)   0.06470 (10011716)   0.06487
(10011716)
 3760881.6 | 0.06236 (10011716)   0.06255 (10011716)
0.06273 (10011716)   0.06292 (10011716)   0.06308
(10011716)
 3760879.5 | 0.06071 (10011716)   0.06089 (10011716)
0.06105 (10011716)   0.06124 (10011716)   0.06138
(10011716)

```
 3760877.5 |      0.05914 (10011716)      0.05931 (10011716)
0.05947 (10011716)     0.05964 (10011716)     0.05978
(10011716)
 3760875.4 |      0.05765 (10011716)      0.05781 (10011716)
0.05796 (10011716)     0.05812 (10011716)     0.05826
(10011716)
 3760873.4 |      0.05624 (10011716)      0.05639 (10011716)
0.05653 (10011716)     0.05668 (10011716)     0.05681
(10011716)
 3760871.4 |      0.05489 (10011716)      0.05504 (10011716)
0.05517 (10011716)     0.05531 (10011716)     0.05543
(10011716)
 3760869.3 |      0.05361 (10011716)      0.05374 (10011716)
0.05387 (10011716)     0.05400 (10011716)     0.05413
(10011716)
 3760867.3 |      0.05239 (10011716)      0.05251 (10011716)
0.05263 (10011716)     0.05276 (10011716)     0.05288
(10011716)
 3760865.2 |      0.05122 (10011716)      0.05134 (10011716)
0.05145 (10011716)     0.05157 (10011716)     0.05168
(10011716)
 3760863.2 |      0.05010 (10011716)      0.05021 (10011716)
0.05032 (10011716)     0.05043 (10011716)     0.05054
(10011716)
 3760861.2 |      0.04903 (10011716)      0.04914 (10011716)
0.04924 (10011716)     0.04935 (10011716)     0.04944
(10011716)
 3760859.1 |      0.04800 (10011716)      0.04811 (10011716)
0.04820 (10011716)     0.04830 (10011716)     0.04840
(10011716)
 3760857.1 |      0.04701 (10011716)      0.04712 (10011716)
0.04721 (10011716)     0.04730 (10011716)     0.04739
(10011716)
 3760855.0 |      0.04607 (10011716)      0.04616 (10011716)
0.04625 (10011716)     0.04634 (10011716)     0.04643
(10011716)
 3760853.0 |      0.04515 (10011716)      0.04525 (10011716)
0.04533 (10011716)     0.04542 (10011716)     0.04550
(10011716)
 3760851.0 |      0.04428 (10011716)      0.04436 (10011716)
0.04445 (10011716)     0.04453 (10011716)     0.04460
(10011716)
 3760848.9 |      0.04343 (10011716)      0.04351 (10011716)
0.04359 (10011716)     0.04367 (10011716)     0.04374
(10011716)
 3760846.9 |      0.04261 (10011716)      0.04269 (10011716)
0.04277 (10011716)     0.04285 (10011716)     0.04291
(10011716)
```

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/26/17
 *** AERMET - VERSION  14134 ***    ***
***         08:50:04


PAGE  22
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                  *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
            DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
            DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
            DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .    ,


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


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

   Y-COORD  |                                          X-
COORD (METERS)
   (METERS) |      368538.14            368542.12
368546.10            368550.08            368554.06
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |      0.06898 (10011716)      0.06916 (10011716)
0.06931 (10011716)      0.06949 (10011716)      0.06962
(10011716)
 3760885.6 |      0.06696 (10011716)      0.06714 (10011716)
0.06728 (10011716)      0.06744 (10011716)      0.06757
(10011716)
 3760883.6 |      0.06506 (10011716)      0.06522 (10011716)
0.06536 (10011716)      0.06551 (10011716)      0.06564
(10011716)
 3760881.6 |      0.06326 (10011716)      0.06341 (10011716)
0.06354 (10011716)      0.06369 (10011716)      0.06381
(10011716)
 3760879.5 |      0.06155 (10011716)      0.06170 (10011716)
0.06182 (10011716)      0.06196 (10011716)      0.06207
(10011716)
```

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```
3760877.5 |      0.05994 (10011716)      0.06007 (10011716)
0.06020 (10011716)      0.06032 (10011716)      0.06043
(10011716)
3760875.4 |      0.05840 (10011716)      0.05853 (10011716)
0.05865 (10011716)      0.05877 (10011716)      0.05887
(10011716)
3760873.4 |      0.05695 (10011716)      0.05707 (10011716)
0.05718 (10011716)      0.05729 (10011716)      0.05739
(10011716)
3760871.4 |      0.05556 (10011716)      0.05568 (10011716)
0.05578 (10011716)      0.05589 (10011716)      0.05598
(10011716)
3760869.3 |      0.05424 (10011716)      0.05435 (10011716)
0.05445 (10011716)      0.05455 (10011716)      0.05464
(10011716)
3760867.3 |      0.05298 (10011716)      0.05308 (10011716)
0.05318 (10011716)      0.05327 (10011716)      0.05336
(10011716)
3760865.2 |      0.05178 (10011716)      0.05188 (10011716)
0.05197 (10011716)      0.05206 (10011716)      0.05214
(10011716)
3760863.2 |      0.05063 (10011716)      0.05073 (10011716)
0.05081 (10011716)      0.05089 (10011716)      0.05097
(10011716)
3760861.2 |      0.04954 (10011716)      0.04962 (10011716)
0.04971 (10011716)      0.04978 (10011716)      0.04986
(10011716)
3760859.1 |      0.04849 (10011716)      0.04857 (10011716)
0.04865 (10011716)      0.04872 (10011716)      0.04879
(10011716)
3760857.1 |      0.04748 (10011716)      0.04755 (10011716)
0.04763 (10011716)      0.04769 (10011716)      0.04776
(10011716)
3760855.0 |      0.04651 (10011716)      0.04658 (10011716)
0.04665 (10011716)      0.04671 (10011716)      0.04678
(10011716)
3760853.0 |      0.04558 (10011716)      0.04564 (10011716)
0.04571 (10011716)      0.04577 (10011716)      0.04583
(10011716)
3760851.0 |      0.04468 (10011716)      0.04474 (10011716)
0.04481 (10011716)      0.04486 (10011716)      0.04492
(10011716)
3760848.9 |      0.04381 (10011716)      0.04387 (10011716)
0.04394 (10011716)      0.04399 (10011716)      0.04404
(10011716)
3760846.9 |      0.04298 (10011716)      0.04304 (10011716)
0.04310 (10011716)      0.04314 (10011716)      0.04320
(10011716)
```

PAGE 23
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368558.04   368562.02
368566.00   368569.98   368573.96
 -
- -
-

 3760887.7 | 0.06978 (10011716)   0.06990 (10011716)
0.07003 (10011716)   0.07010 (10011716)   0.07013
(10011716)
 3760885.6 | 0.06772 (10011716)   0.06784 (10011716)
0.06796 (10011716)   0.06803 (10011716)   0.06805
(10011716)
 3760883.6 | 0.06577 (10011716)   0.06589 (10011716)
0.06601 (10011716)   0.06607 (10011716)   0.06609
(10011716)
 3760881.6 | 0.06393 (10011716)   0.06404 (10011716)
0.06417 (10011716)   0.06422 (10011716)   0.06424
(10011716)
 3760879.5 | 0.06219 (10011716)   0.06229 (10011716)
0.06242 (10011716)   0.06247 (10011716)   0.06249
(10011716)

44

```
3760877.5 |      0.06054 (10011716)      0.06064 (10011716)
0.06076 (10011716)     0.06080 (10011716)      0.06082
(10011716)
 3760875.4 |      0.05897 (10011716)      0.05907 (10011716)
0.05919 (10011716)     0.05923 (10011716)      0.05925
(10011716)
 3760873.4 |      0.05748 (10011716)      0.05757 (10011716)
0.05769 (10011716)     0.05773 (10011716)      0.05775
(10011716)
 3760871.4 |      0.05607 (10011716)      0.05615 (10011716)
0.05627 (10011716)     0.05630 (10011716)      0.05632
(10011716)
 3760869.3 |      0.05472 (10011716)      0.05480 (10011716)
0.05491 (10011716)     0.05494 (10011716)      0.05496
(10011716)
 3760867.3 |      0.05343 (10011716)      0.05351 (10011716)
0.05362 (10011716)     0.05365 (10011716)      0.05367
(10011716)
 3760865.2 |      0.05221 (10011716)      0.05228 (10011716)
0.05239 (10011716)     0.05241 (10011716)      0.05243
(10011716)
 3760863.2 |      0.05103 (10011716)      0.05110 (10011716)
0.05121 (10011716)     0.05123 (10011716)      0.05125
(10011716)
 3760861.2 |      0.04991 (10011716)      0.04997 (10011716)
0.05008 (10011716)     0.05010 (10011716)      0.05012
(10011716)
 3760859.1 |      0.04884 (10011716)      0.04890 (10011716)
0.04900 (10011716)     0.04902 (10011716)      0.04904
(10011716)
 3760857.1 |      0.04781 (10011716)      0.04786 (10011716)
0.04797 (10011716)     0.04798 (10011716)      0.04800
(10011716)
 3760855.0 |      0.04682 (10011716)      0.04687 (10011716)
0.04697 (10011716)     0.04699 (10011716)      0.04701
(10011716)
 3760853.0 |      0.04587 (10011716)      0.04592 (10011716)
0.04602 (10011716)     0.04603 (10011716)      0.04605
(10011716)
 3760851.0 |      0.04496 (10011716)      0.04500 (10011716)
0.04510 (10011716)     0.04511 (10011716)      0.04513
(10011716)
 3760848.9 |      0.04408 (10011716)      0.04412 (10011716)
0.04421 (10011716)     0.04422 (10011716)      0.04425
(10011716)
 3760846.9 |      0.04323 (10011716)      0.04327 (10011716)
0.04336 (10011716)     0.04337 (10011716)      0.04340
(10011716)
```

PAGE 24
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368577.94   368581.92
368585.90   368589.88   368593.86
 -
- -
-

 3760887.7 | 0.07016 (10011716)   0.07019 (10011716)
0.07015 (10011716)   0.07007 (10011716)   0.06996
(10011716)
 3760885.6 | 0.06808 (10011716)   0.06810 (10011716)
0.06806 (10011716)   0.06798 (10011716)   0.06787
(10011716)
 3760883.6 | 0.06612 (10011716)   0.06613 (10011716)
0.06609 (10011716)   0.06600 (10011716)   0.06590
(10011716)
 3760881.6 | 0.06426 (10011716)   0.06427 (10011716)
0.06423 (10011716)   0.06414 (10011716)   0.06404
(10011716)
 3760879.5 | 0.06250 (10011716)   0.06251 (10011716)
0.06246 (10011716)   0.06238 (10011716)   0.06228
(10011716)

46

```
3760877.5 |      0.06083 (10011716)      0.06084 (10011716)
0.06079 (10011716)      0.06071 (10011716)      0.06061
(10011716)
 3760875.4 |      0.05925 (10011716)      0.05926 (10011716)
0.05921 (10011716)      0.05913 (10011716)      0.05903
(10011716)
 3760873.4 |      0.05774 (10011716)      0.05776 (10011716)
0.05770 (10011716)      0.05763 (10011716)      0.05753
(10011716)
 3760871.4 |      0.05631 (10011716)      0.05633 (10011716)
0.05627 (10011716)      0.05620 (10011716)      0.05610
(10011716)
 3760869.3 |      0.05495 (10011716)      0.05497 (10011716)
0.05491 (10011716)      0.05485 (10011716)      0.05474
(10011716)
 3760867.3 |      0.05365 (10011716)      0.05367 (10011716)
0.05361 (10011716)      0.05355 (10011716)      0.05345
(10011716)
 3760865.2 |      0.05242 (10011716)      0.05243 (10011716)
0.05238 (10011716)      0.05232 (10011716)      0.05222
(10011716)
 3760863.2 |      0.05123 (10011716)      0.05125 (10011716)
0.05119 (10011716)      0.05114 (10011716)      0.05104
(10011716)
 3760861.2 |      0.05010 (10011716)      0.05012 (10011716)
0.05006 (10011716)      0.05001 (10011716)      0.04992
(10011716)
 3760859.1 |      0.04902 (10011716)      0.04904 (10011716)
0.04898 (10011716)      0.04893 (10011716)      0.04884
(10011716)
 3760857.1 |      0.04798 (10011716)      0.04801 (10011716)
0.04795 (10011716)      0.04790 (10011716)      0.04781
(10011716)
 3760855.0 |      0.04699 (10011716)      0.04701 (10011716)
0.04695 (10011716)      0.04691 (10011716)      0.04682
(10011716)
 3760853.0 |      0.04603 (10011716)      0.04605 (10011716)
0.04600 (10011716)      0.04596 (10011716)      0.04587
(10011716)
 3760851.0 |      0.04511 (10011716)      0.04514 (10011716)
0.04508 (10011716)      0.04504 (10011716)      0.04495
(10011716)
 3760848.9 |      0.04423 (10011716)      0.04425 (10011716)
0.04419 (10011716)      0.04416 (10011716)      0.04407
(10011716)
 3760846.9 |      0.04337 (10011716)      0.04340 (10011716)
0.04334 (10011716)      0.04331 (10011716)      0.04323
(10011716)
```

```
 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***       04/26/17
 *** AERMET – VERSION  14134 ***   ***
***        08:50:04
```

```
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN
```

```
                           *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                           INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .      ,
```

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

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

```
  Y-COORD  |                                      X-
COORD (METERS)
   (METERS) |       368597.84
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-

 3760887.7 |       0.06981 (10011716)
 3760885.6 |       0.06773 (10011716)
 3760883.6 |       0.06577 (10011716)
 3760881.6 |       0.06391 (10011716)
 3760879.5 |       0.06216 (10011716)
 3760877.5 |       0.06049 (10011716)
 3760875.4 |       0.05892 (10011716)
 3760873.4 |       0.05742 (10011716)
 3760871.4 |       0.05600 (10011716)
 3760869.3 |       0.05465 (10011716)
 3760867.3 |       0.05336 (10011716)
 3760865.2 |       0.05213 (10011716)
 3760863.2 |       0.05096 (10011716)
 3760861.2 |       0.04984 (10011716)
 3760859.1 |       0.04877 (10011716)
 3760857.1 |       0.04774 (10011716)
```

```
3760855.0 |        0.04675 (10011716)
3760853.0 |        0.04581 (10011716)
3760851.0 |        0.04490 (10011716)
3760848.9 |        0.04402 (10011716)
3760846.9 |        0.04317 (10011716)
```

```
 *** AERMOD — VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc    ***       04/26/17
 *** AERMET — VERSION  14134 ***    ***
***       08:50:04


PAGE  26
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                  *** THE   1ST HIGHEST  1-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .       ,


                                  *** DISCRETE
CARTESIAN RECEPTOR POINTS ***


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


     X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-
     367892.35  3760313.03      0.00357 (11112624)
367870.38  3761367.80      0.00549 (07010522)
     369382.95  3761298.22      0.01267 (07090723)
369322.52  3760422.90      0.00978 (07061024)
     368631.85  3760876.26      0.05761 (10011716)
368495.18  3760864.36      0.04990 (10011716)
     368451.25  3760814.12      0.03122 (10011716)
368530.38  3760816.06      0.03322 (10011716)
     368075.78  3761058.78      0.14421 (10100517)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368518.24   368522.22
368526.20   368530.18   368534.16
 -
 -
 -

 3760887.7 | 0.04007m(11121624)   0.04027m(11121624)
0.04045m(11121624)   0.04064m(11121624)
0.04081m(11121624)
 3760885.6 | 0.03876m(11121624)   0.03895m(11121624)
0.03912m(11121624)   0.03930m(11121624)
0.03945m(11121624)
 3760883.6 | 0.03754m(11121624)   0.03771m(11121624)
0.03787m(11121624)   0.03803m(11121624)
0.03818m(11121624)
 3760881.6 | 0.03639m(11121624)   0.03655m(11121624)
0.03670m(11121624)   0.03685m(11121624)
0.03699m(11121624)
 3760879.5 | 0.03530m(11121624)   0.03545m(11121624)
0.03560m(11121624)   0.03574m(11121624)
0.03587m(11121624)

51

```
 3760877.5 |      0.03428m(11121624)      0.03443m(11121624)
0.03456m(11121624)     0.03470m(11121624)
0.03482m(11121624)
 3760875.4 |      0.03332m(11121624)      0.03346m(11121624)
0.03358m(11121624)     0.03371m(11121624)
0.03382m(11121624)
 3760873.4 |      0.03241m(11121624)      0.03254m(11121624)
0.03266m(11121624)     0.03278m(11121624)
0.03288m(11121624)
 3760871.4 |      0.03155m(11121624)      0.03167m(11121624)
0.03178m(11121624)     0.03190m(11121624)
0.03200m(11121624)
 3760869.3 |      0.03073m(11121624)      0.03085m(11121624)
0.03095m(11121624)     0.03106m(11121624)
0.03116m(11121624)
 3760867.3 |      0.02996m(11121624)      0.03007m(11121624)
0.03017m(11121624)     0.03027m(11121624)
0.03037m(11121624)
 3760865.2 |      0.02922m(11121624)      0.02932m(11121624)
0.02942m(11121624)     0.02951m(11121624)
0.02961m(11121624)
 3760863.2 |      0.02851m(11121624)      0.02861m(11121624)
0.02870m(11121624)     0.02880m(11121624)
0.02888m(11121624)
 3760861.2 |      0.02784m(11121624)      0.02794m(11121624)
0.02802m(11121624)     0.02811m(11121624)
0.02819m(11121624)
 3760859.1 |      0.02720m(11121624)      0.02729m(11121624)
0.02737m(11121624)     0.02746m(11121624)
0.02754m(11121624)
 3760857.1 |      0.02659m(11121624)      0.02667m(11121624)
0.02675m(11121624)     0.02683m(11121624)
0.02691m(11121624)
 3760855.0 |      0.02600m(11121624)      0.02608m(11121624)
0.02616m(11121624)     0.02623m(11121624)
0.02631m(11121624)
 3760853.0 |      0.02544m(11121624)      0.02552m(11121624)
0.02559m(11121624)     0.02566m(11121624)
0.02573m(11121624)
 3760851.0 |      0.02490m(11121624)      0.02497m(11121624)
0.02505m(11121624)     0.02511m(11121624)
0.02518m(11121624)
 3760848.9 |      0.02438m(11121624)      0.02445m(11121624)
0.02452m(11121624)     0.02459m(11121624)
0.02465m(11121624)
 3760846.9 |      0.02388m(11121624)      0.02395m(11121624)
0.02402m(11121624)     0.02408m(11121624)
0.02414m(11121624)
```

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 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/26/17
 *** AERMET - VERSION  14134 ***    ***
***        08:50:04


PAGE  28
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                              INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
             DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
             DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
             DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    ,  . . .     ,


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


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

   Y-COORD  |                                          X-
COORD (METERS)
   (METERS) |      368538.14            368542.12
368546.10            368550.08            368554.06
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |    0.04098m(11121624)    0.04113m(11121624)
0.04126m(11121624)    0.04140m(11121624)
0.04150m(11121624)
 3760885.6 |    0.03960m(11121624)    0.03975m(11121624)
0.03987m(11121624)    0.03999m(11121624)
0.04009m(11121624)
 3760883.6 |    0.03832m(11121624)    0.03846m(11121624)
0.03857m(11121624)    0.03869m(11121624)
0.03878m(11121624)
 3760881.6 |    0.03712m(11121624)    0.03725m(11121624)
0.03735m(11121624)    0.03746m(11121624)
0.03755m(11121624)
 3760879.5 |    0.03600m(11121624)    0.03611m(11121624)
0.03621m(11121624)    0.03631m(11121624)
0.03639m(11121624)
```

53

```
3760877.5 |      0.03494m(11121624)      0.03505m(11121624)
0.03514m(11121624)      0.03523m(11121624)
0.03531m(11121624)
 3760875.4 |      0.03394m(11121624)      0.03404m(11121624)
0.03413m(11121624)      0.03421m(11121624)
0.03428m(11121624)
 3760873.4 |      0.03299m(11121624)      0.03309m(11121624)
0.03317m(11121624)      0.03325m(11121624)
0.03332m(11121624)
 3760871.4 |      0.03210m(11121624)      0.03219m(11121624)
0.03227m(11121624)      0.03234m(11121624)
0.03240m(11121624)
 3760869.3 |      0.03125m(11121624)      0.03134m(11121624)
0.03141m(11121624)      0.03148m(11121624)
0.03154m(11121624)
 3760867.3 |      0.03045m(11121624)      0.03053m(11121624)
0.03060m(11121624)      0.03067m(11121624)
0.03072m(11121624)
 3760865.2 |      0.02968m(11121624)      0.02976m(11121624)
0.02983m(11121624)      0.02989m(11121624)
0.02994m(11121624)
 3760863.2 |      0.02896m(11121624)      0.02903m(11121624)
0.02909m(11121624)      0.02915m(11121624)
0.02920m(11121624)
 3760861.2 |      0.02826m(11121624)      0.02833m(11121624)
0.02839m(11121624)      0.02845m(11121624)
0.02849m(11121624)
 3760859.1 |      0.02760m(11121624)      0.02767m(11121624)
0.02772m(11121624)      0.02778m(11121624)
0.02782m(11121624)
 3760857.1 |      0.02697m(11121624)      0.02703m(11121624)
0.02709m(11121624)      0.02714m(11121624)
0.02718m(11121624)
 3760855.0 |      0.02637m(11121624)      0.02643m(11121624)
0.02648m(11121624)      0.02653m(11121624)
0.02656m(11121624)
 3760853.0 |      0.02579m(11121624)      0.02585m(11121624)
0.02589m(11121624)      0.02594m(11121624)
0.02598m(11121624)
 3760851.0 |      0.02523m(11121624)      0.02529m(11121624)
0.02533m(11121624)      0.02538m(11121624)
0.02541m(11121624)
 3760848.9 |      0.02470m(11121624)      0.02475m(11121624)
0.02480m(11121624)      0.02484m(11121624)
0.02487m(11121624)
 3760846.9 |      0.02419m(11121624)      0.02424m(11121624)
0.02428m(11121624)      0.02432m(11121624)
0.02435m(11121624)
```

PAGE 29
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368558.04   368562.02
368566.00   368569.98   368573.96
 -
- -
-

 3760887.7 | 0.04161m(11121624)   0.04170m(11121624)
0.04178m(11121624)   0.04183m(11121624)
0.04188m(11121624)
 3760885.6 | 0.04019m(11121624)   0.04027m(11121624)
0.04035m(11121624)   0.04039m(11121624)
0.04044m(11121624)
 3760883.6 | 0.03887m(11121624)   0.03894m(11121624)
0.03901m(11121624)   0.03905m(11121624)
0.03909m(11121624)
 3760881.6 | 0.03763m(11121624)   0.03770m(11121624)
0.03776m(11121624)   0.03780m(11121624)
0.03784m(11121624)
 3760879.5 | 0.03647m(11121624)   0.03653m(11121624)
0.03659m(11121624)   0.03662m(11121624)
0.03666m(11121624)

55

```
 3760877.5 |      0.03538m(11121624)      0.03543m(11121624)
0.03549m(11121624)     0.03552m(11121624)
0.03555m(11121624)
 3760875.4 |      0.03435m(11121624)      0.03440m(11121624)
0.03445m(11121624)     0.03448m(11121624)
0.03451m(11121624)
 3760873.4 |      0.03338m(11121624)      0.03343m(11121624)
0.03347m(11121624)     0.03350m(11121624)
0.03353m(11121624)
 3760871.4 |      0.03246m(11121624)      0.03251m(11121624)
0.03255m(11121624)     0.03258m(11121624)
0.03260m(11121624)
 3760869.3 |      0.03160m(11121624)      0.03164m(11121624)
0.03168m(11121624)     0.03170m(11121624)
0.03172m(11121624)
 3760867.3 |      0.03077m(11121624)      0.03081m(11121624)
0.03085m(11121624)     0.03087m(11121624)
0.03089m(11121624)
 3760865.2 |      0.02999m(11121624)      0.03003m(11121624)
0.03006m(11121624)     0.03008m(11121624)
0.03010m(11121624)
 3760863.2 |      0.02925m(11121624)      0.02928m(11121624)
0.02931m(11121624)     0.02933m(11121624)
0.02935m(11121624)
 3760861.2 |      0.02854m(11121624)      0.02857m(11121624)
0.02860m(11121624)     0.02862m(11121624)
0.02863m(11121624)
 3760859.1 |      0.02786m(11121624)      0.02789m(11121624)
0.02792m(11121624)     0.02794m(11121624)
0.02795m(11121624)
 3760857.1 |      0.02722m(11121624)      0.02725m(11121624)
0.02727m(11121624)     0.02729m(11121624)
0.02730m(11121624)
 3760855.0 |      0.02660m(11121624)      0.02663m(11121624)
0.02665m(11121624)     0.02667m(11121624)
0.02668m(11121624)
 3760853.0 |      0.02601m(11121624)      0.02604m(11121624)
0.02606m(11121624)     0.02607m(11121624)
0.02609m(11121624)
 3760851.0 |      0.02545m(11121624)      0.02547m(11121624)
0.02549m(11121624)     0.02551m(11121624)
0.02552m(11121624)
 3760848.9 |      0.02491m(11121624)      0.02493m(11121624)
0.02495m(11121624)     0.02496m(11121624)
0.02497m(11121624)
 3760846.9 |      0.02439m(11121624)      0.02441m(11121624)
0.02443m(11121624)     0.02444m(11121624)
0.02445m(11121624)
```

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 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***         04/26/17
 *** AERMET - VERSION  14134 ***    ***
***        08:50:04


PAGE  30
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                 *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL      ***
                             INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004     ,
DPM00005    ,
             DPM00006    , DPM00007    , DPM00008     ,
DPM00009    , DPM00010    , DPM00011    , DPM00012     ,
DPM00013    ,
             DPM00014    , DPM00015    , DPM00016     ,
DPM00017    , DPM00018    , DPM00019    , DPM00020     ,
DPM00021    ,
             DPM00022    , DPM00023    , DPM00024     ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    , . . .     ,


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


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

  Y-COORD  |                                      X-
COORD (METERS)
  (METERS) |      368577.94            368581.92
368585.90            368589.88            368593.86
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.04190m(11121624)     0.04192m(11121624)
0.04190m(11121624)     0.04187m(11121624)
0.04180m(11121624)
 3760885.6 |     0.04046m(11121624)     0.04047m(11121624)
0.04045m(11121624)     0.04042m(11121624)
0.04036m(11121624)
 3760883.6 |     0.03911m(11121624)     0.03912m(11121624)
0.03910m(11121624)     0.03907m(11121624)
0.03901m(11121624)
 3760881.6 |     0.03785m(11121624)     0.03785m(11121624)
0.03783m(11121624)     0.03781m(11121624)
0.03775m(11121624)
 3760879.5 |     0.03667m(11121624)     0.03667m(11121624)
0.03665m(11121624)     0.03663m(11121624)
0.03658m(11121624)
```

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```
 3760877.5 |      0.03556m(11121624)      0.03556m(11121624)
0.03554m(11121624)      0.03552m(11121624)
0.03547m(11121624)
 3760875.4 |      0.03451m(11121624)      0.03452m(11121624)
0.03450m(11121624)      0.03448m(11121624)
0.03443m(11121624)
 3760873.4 |      0.03353m(11121624)      0.03353m(11121624)
0.03352m(11121624)      0.03349m(11121624)
0.03345m(11121624)
 3760871.4 |      0.03260m(11121624)      0.03260m(11121624)
0.03259m(11121624)      0.03257m(11121624)
0.03253m(11121624)
 3760869.3 |      0.03172m(11121624)      0.03172m(11121624)
0.03171m(11121624)      0.03169m(11121624)
0.03165m(11121624)
 3760867.3 |      0.03089m(11121624)      0.03089m(11121624)
0.03088m(11121624)      0.03086m(11121624)
0.03082m(11121624)
 3760865.2 |      0.03010m(11121624)      0.03010m(11121624)
0.03009m(11121624)      0.03007m(11121624)
0.03003m(11121624)
 3760863.2 |      0.02935m(11121624)      0.02935m(11121624)
0.02933m(11121624)      0.02932m(11121624)
0.02928m(11121624)
 3760861.2 |      0.02863m(11121624)      0.02863m(11121624)
0.02862m(11121624)      0.02860m(11121624)
0.02857m(11121624)
 3760859.1 |      0.02795m(11121624)      0.02795m(11121624)
0.02794m(11121624)      0.02792m(11121624)
0.02789m(11121624)
 3760857.1 |      0.02730m(11121624)      0.02730m(11121624)
0.02729m(11121624)      0.02727m(11121624)
0.02724m(11121624)
 3760855.0 |      0.02668m(11121624)      0.02668m(11121624)
0.02667m(11121624)      0.02665m(11121624)
0.02663m(11121624)
 3760853.0 |      0.02609m(11121624)      0.02609m(11121624)
0.02607m(11121624)      0.02606m(11121624)
0.02603m(11121624)
 3760851.0 |      0.02552m(11121624)      0.02552m(11121624)
0.02550m(11121624)      0.02549m(11121624)
0.02547m(11121624)
 3760848.9 |      0.02497m(11121624)      0.02497m(11121624)
0.02496m(11121624)      0.02495m(11121624)
0.02492m(11121624)
 3760846.9 |      0.02445m(11121624)      0.02445m(11121624)
0.02444m(11121624)      0.02442m(11121624)
0.02440m(11121624)
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PAGE 31
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                               *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                         INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
               DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
               DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
               DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368597.84
 -
- -
-

 3760887.7 | 0.04173m(11121624)
 3760885.6 | 0.04029m(11121624)
 3760883.6 | 0.03895m(11121624)
 3760881.6 | 0.03769m(11121624)
 3760879.5 | 0.03652m(11121624)
 3760877.5 | 0.03542m(11121624)
 3760875.4 | 0.03438m(11121624)
 3760873.4 | 0.03340m(11121624)
 3760871.4 | 0.03248m(11121624)
 3760869.3 | 0.03161m(11121624)
 3760867.3 | 0.03078m(11121624)
 3760865.2 | 0.03000m(11121624)
 3760863.2 | 0.02925m(11121624)
 3760861.2 | 0.02854m(11121624)
 3760859.1 | 0.02786m(11121624)
 3760857.1 | 0.02721m(11121624)

```
3760855.0 |        0.02660m(11121624)
3760853.0 |        0.02601m(11121624)
3760851.0 |        0.02544m(11121624)
3760848.9 |        0.02490m(11121624)
3760846.9 |        0.02438m(11121624)
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/26/17
 *** AERMET – VERSION 14134 ***   ***
***   08:50:04

PAGE 32
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                  *** THE   1ST HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
                DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
                DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
                DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

                                       *** DISCRETE
CARTESIAN RECEPTOR POINTS ***

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

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
-
       367892.35   3760313.03   0.00175m (11121624)
367870.38   3761367.80   0.00288m (11121624)
       369382.95   3761298.22   0.00407 (10091124)
369322.52   3760422.90   0.00270m (10042924)
       368631.85   3760876.26   0.03378m (11121624)
368495.18   3760864.36   0.02822m (11121624)
       368451.25   3760814.12   0.01688m (11121624)
368530.38   3760816.06   0.01829m (11121624)
       368075.78   3761058.78   0.04043m (11121624)

```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/26/17
 *** AERMET - VERSION  14134 ***   ***
***        08:50:04


PAGE  33
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                            *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL     ***
                         INCLUDING SOURCE(S):
DPM00001    , DPM00002    , DPM00003    , DPM00004    ,
DPM00005    ,
              DPM00006    , DPM00007    , DPM00008    ,
DPM00009    , DPM00010    , DPM00011    , DPM00012    ,
DPM00013    ,
              DPM00014    , DPM00015    , DPM00016    ,
DPM00017    , DPM00018    , DPM00019    , DPM00020    ,
DPM00021    ,
              DPM00022    , DPM00023    , DPM00024    ,
DPM00025    , DPM00026    , DPM00027    ,
DPM00028    ,  . . .     ,


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


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

   Y-COORD  |                                      X-
COORD (METERS)
   (METERS) |     368518.24          368522.22
368526.20          368530.18          368534.16
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 -

 3760887.7 |     0.03203 (11123024)     0.03219 (11123024)
0.03234 (11123024)     0.03250 (11123024)     0.03264
(11123024)
 3760885.6 |     0.03094 (11123024)     0.03110 (11123024)
0.03124 (11123024)     0.03139 (11123024)     0.03152
(11123024)
 3760883.6 |     0.02995 (10120924)     0.03008 (10120924)
0.03022 (10120924)     0.03035 (10120924)     0.03047
(11123024)
 3760881.6 |     0.02901 (10120924)     0.02914 (10120924)
0.02926 (10120924)     0.02939 (10120924)     0.02950
(10120924)
 3760879.5 |     0.02813 (10120924)     0.02825 (10120924)
0.02837 (10120924)     0.02849 (10120924)     0.02859
(10120924)
```

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```
3760877.5 |      0.02730 (10120924)      0.02742 (10120924)
0.02752 (10120924)    0.02764 (10120924)     0.02773
(10120924)
3760875.4 |      0.02652 (10120924)      0.02663 (10120924)
0.02673 (10120924)    0.02684 (10120924)     0.02693
(10120924)
3760873.4 |      0.02579 (10011724)      0.02588 (10120924)
0.02598 (10120924)    0.02608 (10120924)     0.02616
(10120924)
3760871.4 |      0.02510 (10011724)      0.02519 (10011724)
0.02528 (10011724)    0.02537 (10011724)     0.02545
(10011724)
3760869.3 |      0.02445 (10011724)      0.02454 (10011724)
0.02462 (10011724)    0.02471 (10011724)     0.02479
(10011724)
3760867.3 |      0.02384 (10011724)      0.02392 (10011724)
0.02400 (10011724)    0.02408 (10011724)     0.02415
(10011724)
3760865.2 |      0.02325 (10011724)      0.02333 (10011724)
0.02340 (10011724)    0.02348 (10011724)     0.02355
(10011724)
3760863.2 |      0.02269 (10011724)      0.02276 (10011724)
0.02283 (10011724)    0.02291 (10011724)     0.02297
(10011724)
3760861.2 |      0.02215 (10011724)      0.02222 (10011724)
0.02229 (10011724)    0.02236 (10011724)     0.02243
(10011724)
3760859.1 |      0.02164 (10011724)      0.02171 (10011724)
0.02177 (10011724)    0.02184 (10011724)     0.02190
(10011724)
3760857.1 |      0.02114 (11012524)      0.02121 (11012524)
0.02128 (11012524)    0.02134 (10011724)     0.02140
(10011724)
3760855.0 |      0.02066 (11012524)      0.02073 (11012524)
0.02079 (11012524)    0.02085 (11012524)     0.02091
(11012524)
3760853.0 |      0.02020 (11012524)      0.02026 (11012524)
0.02032 (11012524)    0.02038 (11012524)     0.02044
(11012524)
3760851.0 |      0.01976 (11012524)      0.01982 (11012524)
0.01988 (11012524)    0.01993 (11012524)     0.01999
(11012524)
3760848.9 |      0.01933 (11012524)      0.01939 (11012524)
0.01945 (11012524)    0.01950 (11012524)     0.01956
(11012524)
3760846.9 |      0.01893 (11012524)      0.01898 (11012524)
0.01904 (11012524)    0.01909 (11012524)     0.01914
(11012524)
```

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                 *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368538.14   368542.12
368546.10   368550.08   368554.06
 -
- -
-

 3760887.7 | 0.03278 (11123024)   0.03292 (11123024)
0.03303 (11123024)   0.03314 (11123024)   0.03323
(11123024)
 3760885.6 | 0.03165 (11123024)   0.03177 (11123024)
0.03188 (11123024)   0.03198 (11123024)   0.03207
(11123024)
 3760883.6 | 0.03059 (11123024)   0.03071 (11123024)
0.03080 (11123024)   0.03090 (11123024)   0.03098
(11123024)
 3760881.6 | 0.02961 (10120924)   0.02971 (10120924)
0.02980 (10120924)   0.02989 (11123024)   0.02996
(11123024)
 3760879.5 | 0.02869 (10120924)   0.02879 (10120924)
0.02887 (10120924)   0.02895 (10120924)   0.02902
(10120924)

```
3760877.5 |      0.02783 (10120924)      0.02792 (10120924)
0.02800 (10120924)     0.02807 (10120924)      0.02813
(10120924)
 3760875.4 |      0.02702 (10120924)      0.02710 (10120924)
0.02717 (10120924)     0.02724 (10120924)      0.02730
(10120924)
 3760873.4 |      0.02625 (10120924)      0.02633 (10120924)
0.02640 (10120924)     0.02646 (10120924)      0.02652
(10120924)
 3760871.4 |      0.02553 (10120924)      0.02560 (10120924)
0.02566 (10120924)     0.02573 (10120924)      0.02578
(10120924)
 3760869.3 |      0.02485 (10011724)      0.02492 (10011724)
0.02498 (10011724)     0.02504 (10011724)      0.02508
(10011724)
 3760867.3 |      0.02422 (10011724)      0.02428 (10011724)
0.02433 (10011724)     0.02439 (10011724)      0.02443
(10011724)
 3760865.2 |      0.02361 (10011724)      0.02367 (10011724)
0.02372 (10011724)     0.02377 (10011724)      0.02381
(10011724)
 3760863.2 |      0.02303 (10011724)      0.02309 (10011724)
0.02314 (10011724)     0.02318 (10011724)      0.02322
(10011724)
 3760861.2 |      0.02248 (10011724)      0.02254 (10011724)
0.02258 (10011724)     0.02263 (10011724)      0.02266
(10011724)
 3760859.1 |      0.02195 (10011724)      0.02201 (10011724)
0.02205 (10011724)     0.02209 (10011724)      0.02213
(10011724)
 3760857.1 |      0.02145 (10011724)      0.02150 (10011724)
0.02154 (10011724)     0.02158 (10011724)      0.02161
(10011724)
 3760855.0 |      0.02096 (11012524)      0.02101 (11012524)
0.02106 (10011724)     0.02109 (10011724)      0.02112
(10011724)
 3760853.0 |      0.02049 (11012524)      0.02054 (11012524)
0.02058 (11012524)     0.02062 (11012524)      0.02065
(11012524)
 3760851.0 |      0.02003 (11012524)      0.02008 (11012524)
0.02012 (11012524)     0.02016 (11012524)      0.02019
(11012524)
 3760848.9 |      0.01960 (11012524)      0.01964 (11012524)
0.01968 (11012524)     0.01972 (11012524)      0.01974
(11012524)
 3760846.9 |      0.01918 (11012524)      0.01922 (11012524)
0.01926 (11012524)     0.01929 (11012524)      0.01932
(11012524)
```

PAGE 35
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                              *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368558.04   368562.02
368566.00   368569.98   368573.96
 -
- -
-

 3760887.7 | 0.03333 (11123024)   0.03340 (11123024)
0.03347 (11123024)   0.03351 (11123024)   0.03356
(11123024)
 3760885.6 | 0.03215 (11123024)   0.03222 (11123024)
0.03228 (11123024)   0.03232 (11123024)   0.03237
(11123024)
 3760883.6 | 0.03106 (11123024)   0.03112 (11123024)
0.03118 (11123024)   0.03121 (11123024)   0.03125
(11123024)
 3760881.6 | 0.03003 (11123024)   0.03009 (11123024)
0.03014 (11123024)   0.03018 (11123024)   0.03021
(11123024)
 3760879.5 | 0.02908 (10120924)   0.02913 (10120924)
0.02918 (11123024)   0.02921 (11123024)   0.02924
(11123024)

```
3760877.5 |      0.02819 (10120924)      0.02824 (10120924)
0.02828 (10120924)      0.02831 (10120924)      0.02833
(10120924)
 3760875.4 |      0.02736 (10120924)      0.02740 (10120924)
0.02744 (10120924)      0.02746 (10120924)      0.02748
(10120924)
 3760873.4 |      0.02657 (10120924)      0.02661 (10120924)
0.02664 (10120924)      0.02667 (10120924)      0.02668
(10120924)
 3760871.4 |      0.02583 (10120924)      0.02586 (10120924)
0.02589 (10120924)      0.02591 (10120924)      0.02593
(10120924)
 3760869.3 |      0.02513 (10011724)      0.02516 (10011724)
0.02519 (10011724)      0.02521 (10011724)      0.02522
(10011724)
 3760867.3 |      0.02447 (10011724)      0.02450 (10011724)
0.02453 (10011724)      0.02455 (10011724)      0.02456
(10011724)
 3760865.2 |      0.02385 (10011724)      0.02388 (10011724)
0.02391 (10011724)      0.02392 (10011724)      0.02393
(10011724)
 3760863.2 |      0.02326 (10011724)      0.02329 (10011724)
0.02331 (10011724)      0.02333 (10011724)      0.02334
(10011724)
 3760861.2 |      0.02270 (10011724)      0.02272 (10011724)
0.02275 (10011724)      0.02276 (10011724)      0.02277
(10011724)
 3760859.1 |      0.02216 (10011724)      0.02218 (10011724)
0.02221 (10011724)      0.02222 (10011724)      0.02223
(10011724)
 3760857.1 |      0.02164 (10011724)      0.02167 (10011724)
0.02169 (10011724)      0.02170 (10011724)      0.02171
(10011724)
 3760855.0 |      0.02115 (10011724)      0.02117 (10011724)
0.02120 (10011724)      0.02121 (10011724)      0.02122
(10011724)
 3760853.0 |      0.02068 (11012524)      0.02070 (11012524)
0.02072 (11012524)      0.02073 (11012524)      0.02074
(10011724)
 3760851.0 |      0.02022 (11012524)      0.02024 (11012524)
0.02026 (11012524)      0.02027 (11012524)      0.02028
(11012524)
 3760848.9 |      0.01977 (11012524)      0.01979 (11012524)
0.01981 (11012524)      0.01982 (11012524)      0.01983
(11012524)
 3760846.9 |      0.01935 (11012524)      0.01937 (11012524)
0.01938 (11012524)      0.01939 (11012524)      0.01940
(11012524)
```

PAGE 36
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                            INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
              DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
              DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
              DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y-COORD | X-
COORD (METERS)
   (METERS) | 368577.94   368581.92
368585.90   368589.88   368593.86
 -
- -
-

 3760887.7 | 0.03358 (11123024)   0.03360 (11123024)
0.03358 (11123024)   0.03357 (11123024)   0.03351
(11123024)
 3760885.6 | 0.03238 (11123024)   0.03240 (11123024)
0.03238 (11123024)   0.03236 (11123024)   0.03232
(11123024)
 3760883.6 | 0.03127 (11123024)   0.03128 (11123024)
0.03126 (11123024)   0.03125 (11123024)   0.03120
(11123024)
 3760881.6 | 0.03022 (11123024)   0.03023 (11123024)
0.03022 (11123024)   0.03020 (11123024)   0.03016
(11123024)
 3760879.5 | 0.02925 (11123024)   0.02926 (11123024)
0.02924 (11123024)   0.02923 (11123024)   0.02919
(11123024)

68

```
3760877.5 |      0.02834 (10120924)       0.02834 (11123024)
0.02833 (11123024)     0.02831 (11123024)      0.02827
(11123024)
 3760875.4 |      0.02749 (10120924)       0.02749 (10120924)
0.02748 (10120924)     0.02746 (10120924)      0.02742
(10120924)
 3760873.4 |      0.02669 (10120924)       0.02669 (10120924)
0.02668 (10120924)     0.02666 (10120924)      0.02662
(10120924)
 3760871.4 |      0.02594 (10120924)       0.02594 (10120924)
0.02592 (10120924)     0.02591 (10120924)      0.02587
(10120924)
 3760869.3 |      0.02522 (10011724)       0.02522 (10011724)
0.02521 (10120924)     0.02519 (10120924)      0.02516
(10120924)
 3760867.3 |      0.02456 (10011724)       0.02456 (10011724)
0.02455 (10011724)     0.02453 (10011724)      0.02450
(10011724)
 3760865.2 |      0.02394 (10011724)       0.02393 (10011724)
0.02392 (10011724)     0.02390 (10011724)      0.02388
(10011724)
 3760863.2 |      0.02334 (10011724)       0.02334 (10011724)
0.02332 (10011724)     0.02331 (10011724)      0.02328
(10011724)
 3760861.2 |      0.02277 (10011724)       0.02277 (10011724)
0.02276 (10011724)     0.02274 (10011724)      0.02271
(10011724)
 3760859.1 |      0.02223 (10011724)       0.02223 (10011724)
0.02221 (10011724)     0.02220 (10011724)      0.02217
(10011724)
 3760857.1 |      0.02171 (10011724)       0.02171 (10011724)
0.02170 (10011724)     0.02168 (10011724)      0.02166
(10011724)
 3760855.0 |      0.02121 (10011724)       0.02121 (10011724)
0.02120 (10011724)     0.02119 (10011724)      0.02116
(10011724)
 3760853.0 |      0.02074 (10011724)       0.02074 (10011724)
0.02073 (10011724)     0.02071 (10011724)      0.02069
(10011724)
 3760851.0 |      0.02028 (11012524)       0.02028 (11012524)
0.02027 (11012524)     0.02026 (11012524)      0.02024
(10011724)
 3760848.9 |      0.01983 (11012524)       0.01983 (11012524)
0.01982 (11012524)     0.01981 (11012524)      0.01980
(11012524)
 3760846.9 |      0.01940 (11012524)       0.01940 (11012524)
0.01939 (11012524)     0.01938 (11012524)      0.01937
(11012524)
```

PAGE 37
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                *** THE   6TH HIGHEST 24–HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL   ***
                              INCLUDING SOURCE(S):
DPM00001   , DPM00002   , DPM00003   , DPM00004   ,
DPM00005   ,
                DPM00006   , DPM00007   , DPM00008   ,
DPM00009   , DPM00010   , DPM00011   , DPM00012   ,
DPM00013   ,
                DPM00014   , DPM00015   , DPM00016   ,
DPM00017   , DPM00018   , DPM00019   , DPM00020   ,
DPM00021   ,
                DPM00022   , DPM00023   , DPM00024   ,
DPM00025   , DPM00026   , DPM00027   ,
DPM00028   , . . .   ,

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

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

   Y–COORD | X–
COORD (METERS)
   (METERS) | 368597.84
 -
 -
 -

 3760887.7 | 0.03346 (11123024)
 3760885.6 | 0.03226 (11123024)
 3760883.6 | 0.03115 (11123024)
 3760881.6 | 0.03011 (11123024)
 3760879.5 | 0.02914 (11123024)
 3760877.5 | 0.02823 (11123024)
 3760875.4 | 0.02738 (10120924)
 3760873.4 | 0.02659 (10120924)
 3760871.4 | 0.02584 (10120924)
 3760869.3 | 0.02513 (10120924)
 3760867.3 | 0.02447 (10011724)
 3760865.2 | 0.02384 (10011724)
 3760863.2 | 0.02325 (10011724)
 3760861.2 | 0.02268 (10011724)
 3760859.1 | 0.02215 (10011724)
 3760857.1 | 0.02163 (10011724)

```
3760855.0 |        0.02114 (10011724)
3760853.0 |        0.02067 (10011724)
3760851.0 |        0.02022 (10011724)
3760848.9 |        0.01977 (11012524)
3760846.9 |        0.01935 (11012524)
```

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/26/17
 *** AERMET - VERSION  14134 ***    ***
***          08:50:04
```

```
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                               *** THE   6TH HIGHEST 24-HR AVERAGE
CONCENTRATION   VALUES FOR SOURCE GROUP: ALL       ***
                               INCLUDING SOURCE(S):
DPM00001     , DPM00002    , DPM00003    , DPM00004    ,
DPM00005     ,
               DPM00006    , DPM00007    , DPM00008    ,
DPM00009     , DPM00010    , DPM00011    , DPM00012    ,
DPM00013     ,
               DPM00014    , DPM00015    , DPM00016    ,
DPM00017     , DPM00018    , DPM00019    , DPM00020    ,
DPM00021     ,
               DPM00022    , DPM00023    , DPM00024    ,
DPM00025     , DPM00026    , DPM00027    ,
DPM00028     , . . .       ,


                                       *** DISCRETE
CARTESIAN RECEPTOR POINTS ***


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


     X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
X-COORD (M)  Y-COORD (M)       CONC    (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
-
      367892.35   3760313.03      0.00157  (11010524)
367870.38   3761367.80      0.00222  (11012524)
      369382.95   3761298.22      0.00380  (07090724)
369322.52   3760422.90      0.00181  (08021524)
      368631.85   3760876.26      0.02690  (11123024)
368495.18   3760864.36      0.02247  (10011724)
      368451.25   3760814.12      0.01329m (11112624)
368530.38   3760816.06      0.01441  (10120924)
      368075.78   3761058.78      0.03273  (09010924)
```

 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/26/17
 *** AERMET – VERSION 14134 ***   ***
***   08:50:04

PAGE 39
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

                                 *** THE SUMMARY OF MAXIMUM
ANNUAL RESULTS AVERAGED OVER   5 YEARS ***

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

NETWORK
GROUP ID   AVERAGE CONC
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- -
- -

ALL   1ST HIGHEST VALUE IS   0.02242 AT (368581.92,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         2ND HIGHEST VALUE IS   0.02242 AT (368585.90,
3760887.69,   11.80,   11.80,   0.00) GC UCART1
         3RD HIGHEST VALUE IS   0.02241 AT (368577.94,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         4TH HIGHEST VALUE IS   0.02241 AT (368589.88,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         5TH HIGHEST VALUE IS   0.02240 AT (368573.96,
3760887.69,   11.70,   11.70,   0.00) GC UCART1
         6TH HIGHEST VALUE IS   0.02238 AT (368593.86,
3760887.69,   11.90,   11.90,   0.00) GC UCART1
         7TH HIGHEST VALUE IS   0.02236 AT (368569.98,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
         8TH HIGHEST VALUE IS   0.02235 AT (368597.84,
3760887.69,   12.00,   12.00,   0.00) GC UCART1
         9TH HIGHEST VALUE IS   0.02233 AT (368566.00,
3760887.69,   11.60,   11.60,   0.00) GC UCART1
        10TH HIGHEST VALUE IS   0.02228 AT (368562.02,
3760887.69,   11.50,   11.50,   0.00) GC UCART1

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

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```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***       04/26/17
 *** AERMET – VERSION  14134 ***    ***
***          08:50:04

PAGE  40
 *** MODELOPTs:    RegDFAULT   CONC   ELEV   URBAN


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


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


                                                  DATE
NETWORK
GROUP ID                         AVERAGE CONC     (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE   GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS      0.14421   ON 10100517: AT
(  368075.78,  3761058.78,     9.16,     9.16,    0.00)  DC


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

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PAGE 41
 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

                                        *** THE SUMMARY
OF HIGHEST 24-HR RESULTS ***

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

                                            DATE
NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID-ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   0.04192m ON 11121624: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1
        HIGH   6TH HIGH VALUE IS   0.03360 ON 11123024: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1

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

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```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***      04/26/17
 *** AERMET - VERSION  14134 ***   ***
***        08:50:04

PAGE  42
 *** 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          0 Warning Message(s)
 A Total of       1107 Informational Message(s)

 A Total of      43824 Hours Were Processed

 A Total of          5 Calm Hours Identified

 A Total of       1102 Missing Hours Identified (  2.51
Percent)


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


     ********   WARNING MESSAGES   ********
             ***  NONE  ***


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

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```
 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc    ***     04/26/17
 *** AERMET – VERSION  14134 ***   ***
***        08:50:04

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    63
Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   9862049.0 ;  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:
        TEMP_Sub – Meteorological data includes TEMP
substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR  24-HR
     and Calculates ANNUAL Averages

 **This Run Includes:     63 Source(s);     1 Source Group(s);
and     450 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and     0 POINTHOR(s)

                2
```

```
                         and:     63 VOLUME source(s)
                         and:      0 AREA type source(s)
                         and:      0 LINE source(s)
                         and:      0 OPENPIT source(s)
                         and:      0 BUOYANT LINE source(s) with     0
line(s)
```

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

 **The AERMET Input Meteorological Data Version Date: 14134

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

 **NOTE: The Following Flags May Appear Following CONC Values:
c for Calm Hours

m for Missing Hours

b for Both Calm and Missing Hours

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

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

 **Detailed Error/Message File: Del Rey Pointe2_70year.err
 **File for Summary of Results: Del Rey Pointe2_70year.sum

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/26/17
 *** AERMET - VERSION  14134 ***    ***
***          08:50:04

PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN


                                   *** METEOROLOGICAL
DAYS SELECTED FOR PROCESSING ***
                                                    (1
=YES; 0=NO)


          1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1


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




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

(METERS/SEC)

                                        1.54,   3.09,
5.14,   8.23,  10.80,
```

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PAGE   3
 *** MODELOPTs: RegDFAULT CONC ELEV URBAN

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

    Surface file: laxh8.sfc
Met Version: 14134
    Profile file: laxh8.PFL
    Surface format: FREE
    Profile format: FREE
    Surface station no.:   0   Upper air
station no.:   3190
                      Name: UNKNOWN
Name: UNKNOWN
                      Year: 2007
Year: 2007

 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
- -
- -
 07 01 01   1 01   -4.3 0.071 -9.000 -9.000 -999.   45.   7.4
0.23 1.00 1.00   1.30   25.   9.1 282.5   5.5
 07 01 01   1 02   -3.2 0.071 -9.000 -9.000 -999.   45.   10.0
0.23 1.00 1.00   1.30   39.   9.1 282.5   5.5
 07 01 01   1 03   -4.3 0.071 -9.000 -9.000 -999.   45.   7.4
0.23 1.00 1.00   1.30   48.   9.1 282.5   5.5
 07 01 01   1 04   -3.7 0.071 -9.000 -9.000 -999.   45.   8.6
0.23 1.00 1.00   1.30   49.   9.1 282.0   5.5
 07 01 01   1 05   -4.3 0.071 -9.000 -9.000 -999.   45.   7.4
0.23 1.00 1.00   1.30   52.   9.1 282.0   5.5
 07 01 01   1 06   -4.4 0.071 -9.000 -9.000 -999.   45.   7.3
0.23 1.00 1.00   1.30   28.   9.1 281.4   5.5
 07 01 01   1 07   -4.4 0.071 -9.000 -9.000 -999.   45.   7.3
0.23 1.00 1.00   1.30   69.   9.1 281.4   5.5
 07 01 01   1 08   -2.0 0.049 -9.000 -9.000 -999.   26.   5.4
0.23 1.00 0.53   0.90   64.   9.1 280.9   5.5
 07 01 01   1 09   25.4 0.176 0.494 0.005 171. 178.   -19.4
0.23 1.00 0.30   1.30   75.   9.1 283.8   5.5
 07 01 01   1 10   79.7 0.248 1.040 0.005 508. 297.   -17.2
0.23 1.00 0.22   1.80   85.   9.1 285.9   5.5
 07 01 01   1 11 114.2 0.257 1.365 0.007 803. 313.   -13.4
0.23 1.00 0.19   1.80 110.   9.1 288.8   5.5
 07 01 01   1 12 133.3 0.300 1.593 0.018 1091. 395.   -18.3
0.23 1.00 0.18   2.20 111.   9.1 289.9   5.5

5

```
07 01 01   1 13  131.8  0.389  1.659  0.022 1247.  581.     -40.1
0.23   1.00   0.18    3.10   243.    9.1  288.8    5.5
07 01 01   1 14  110.8  0.345  1.573  0.021 1264.  487.     -33.3
0.23   1.00   0.19    2.70   244.    9.1  289.2    5.5
07 01 01   1 15   78.6  0.375  1.407  0.021 1276.  551.     -60.4
0.23   1.00   0.22    3.10   222.    9.1  289.2    5.5
07 01 01   1 16   30.6  0.318  1.028  0.021 1278.  431.     -94.1
0.23   1.00   0.31    2.70   242.    9.1  289.9    5.5
07 01 01   1 17   -8.0  0.098 -9.000 -9.000 -999.  143.      10.6
0.23   1.00   0.57    1.80   219.    9.1  288.8    5.5
07 01 01   1 18   -2.1  0.049 -9.000 -9.000 -999.   36.       5.1
0.23   1.00   1.00    0.90   141.    9.1  286.4    5.5
07 01 01   1 19   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90    75.    9.1  286.4    5.5
07 01 01   1 20   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90   333.    9.1  287.5    5.5
07 01 01   1 21   -4.5  0.071 -9.000 -9.000 -999.   45.       7.1
0.23   1.00   1.00    1.30    85.    9.1  286.4    5.5
07 01 01   1 22   -4.5  0.071 -9.000 -9.000 -999.   45.       7.1
0.23   1.00   1.00    1.30    83.    9.1  286.4    5.5
07 01 01   1 23   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90   299.    9.1  286.4    5.5
07 01 01   1 24   -2.1  0.049 -9.000 -9.000 -999.   26.       5.1
0.23   1.00   1.00    0.90    59.    9.1  285.4    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA   sigmaW
sigmaV
 07 01 01 01    5.5 0 -999.  -99.00   282.6
99.0  -99.00  -99.00
 07 01 01 01    9.1 1   25.   1.30  -999.0
99.0  -99.00  -99.00

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

```
 *** AERMOD – VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc      ***        04/26/17
 *** AERMET – VERSION  14134 ***    ***
***       08:50:04

PAGE   4
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


                                    *** THE SUMMARY OF MAXIMUM
ANNUAL RESULTS AVERAGED OVER   5 YEARS ***



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


NETWORK
GROUP ID                       AVERAGE CONC
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -


ALL      1ST HIGHEST VALUE IS     0.02242 AT ( 368581.92,
3760887.69,   11.80,   11.80,   0.00) GC  UCART1
         2ND HIGHEST VALUE IS     0.02242 AT ( 368585.90,
3760887.69,   11.80,   11.80,   0.00) GC  UCART1
         3RD HIGHEST VALUE IS     0.02241 AT ( 368577.94,
3760887.69,   11.70,   11.70,   0.00) GC  UCART1
         4TH HIGHEST VALUE IS     0.02241 AT ( 368589.88,
3760887.69,   11.90,   11.90,   0.00) GC  UCART1
         5TH HIGHEST VALUE IS     0.02240 AT ( 368573.96,
3760887.69,   11.70,   11.70,   0.00) GC  UCART1
         6TH HIGHEST VALUE IS     0.02238 AT ( 368593.86,
3760887.69,   11.90,   11.90,   0.00) GC  UCART1
         7TH HIGHEST VALUE IS     0.02236 AT ( 368569.98,
3760887.69,   11.60,   11.60,   0.00) GC  UCART1
         8TH HIGHEST VALUE IS     0.02235 AT ( 368597.84,
3760887.69,   12.00,   12.00,   0.00) GC  UCART1
         9TH HIGHEST VALUE IS     0.02233 AT ( 368566.00,
3760887.69,   11.60,   11.60,   0.00) GC  UCART1
        10TH HIGHEST VALUE IS     0.02228 AT ( 368562.02,
3760887.69,   11.50,   11.50,   0.00) GC  UCART1


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

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```
 *** AERMOD - VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/26/17
 *** AERMET - VERSION  14134 ***   ***
***        08:50:04

PAGE   5
 *** MODELOPTs:   RegDFAULT  CONC  ELEV  URBAN


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


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


                                               DATE
NETWORK
GROUP ID                          AVERAGE CONC    (YYMMDDHH)
RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL     HIGH   1ST HIGH VALUE IS     0.14421  ON 10100517: AT
(  368075.78,  3761058.78,     9.16,     9.16,    0.00)  DC


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

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 *** AERMOD – VERSION 16216r ***   *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc   ***   04/26/17
 *** AERMET – VERSION 14134 ***   ***
***   08:50:04

PAGE   6
 *** MODELOPTs: RegDFAULT   CONC   ELEV   URBAN

                                                *** THE SUMMARY
OF HIGHEST 24–HR RESULTS ***

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

                                              DATE
NETWORK
GROUP ID   AVERAGE CONC   (YYMMDDHH)
RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)   OF TYPE GRID–ID
- -
- -

ALL   HIGH   1ST HIGH VALUE IS   0.04192m ON 11121624: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1
         HIGH   6TH HIGH VALUE IS   0.03360 ON 11123024: AT
(368581.92, 3760887.69,   11.80,   11.80,   0.00) GC
UCART1

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

9

```
 *** AERMOD - VERSION 16216r ***    *** C:\Users\jayp959\Desktop
\Jared\Del Rey Pointe\Del Rey Pointe.isc     ***        04/26/17
 *** AERMET - VERSION  14134 ***    ***
***         08:50:04

PAGE    7
 *** 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           0 Warning Message(s)
 A Total of        1107 Informational Message(s)

 A Total of       43824 Hours Were Processed

 A Total of           5 Calm Hours Identified

 A Total of        1102 Missing Hours Identified (  2.51
Percent)


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


     ********   WARNING MESSAGES   ********
              ***  NONE  ***
```

10
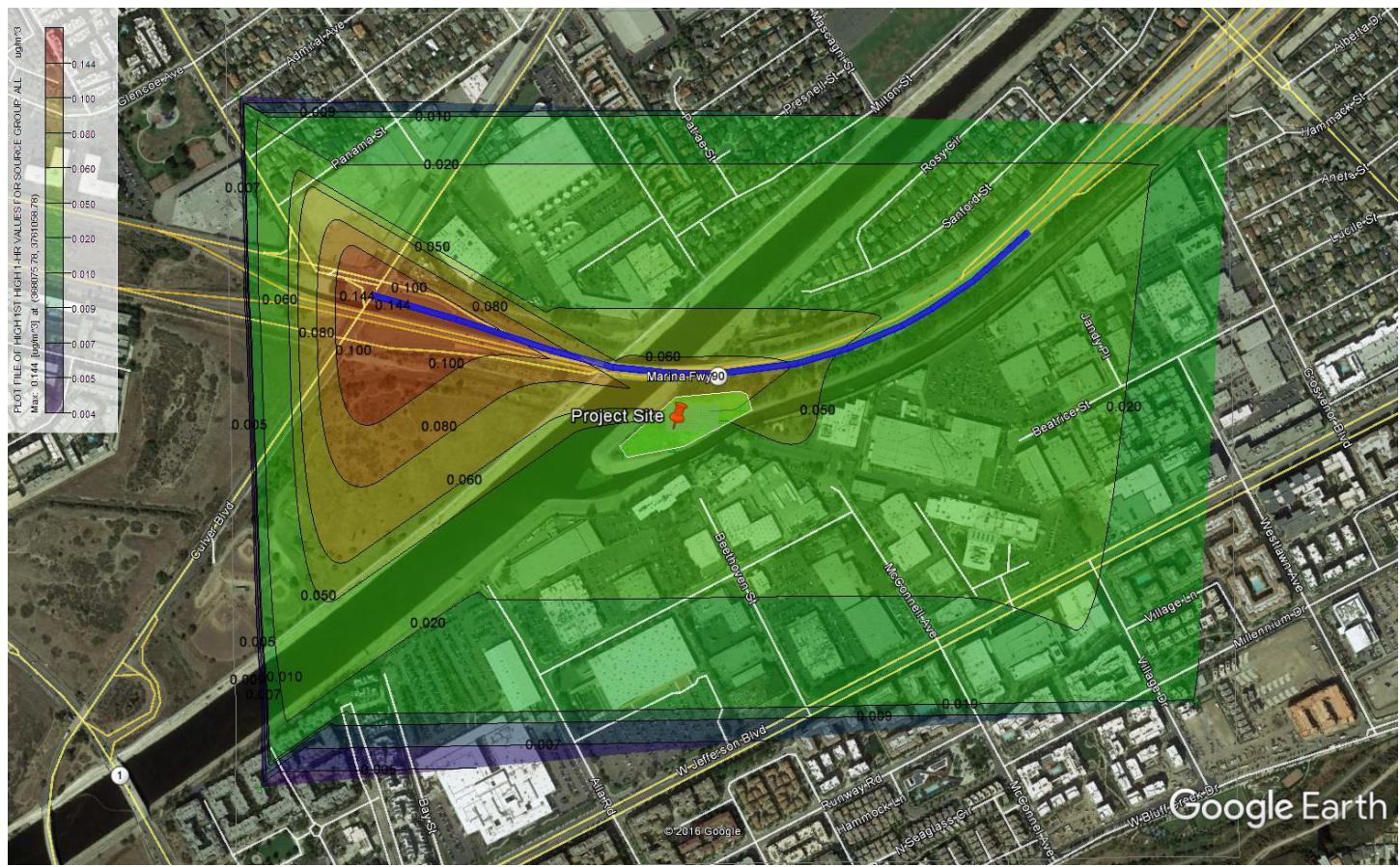
Results Summary

C:\Users\jayp959\Desktop\Jared\Del Rey Pointe\Del Rey Pointe.isc

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.14421	ug/m^3	368075.78	3761058.78	9.16	0.00	9.16	10/5/2010, 17
24-HR	1ST	0.04192	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	12/16/2011, 24
24-HR	6TH	0.03360	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	12/30/2011, 24
ANNUAL		0.02242	ug/m^3	368581.92	3760887.69	11.80	0.00	11.80	