Appendix B Air Quality and Climate Change Technical Report

CITY OF COSTA MESA
125 EAST BAKER STREET APARTMENTS PROJECT
Air Quality and Climate Change Technical Report

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Prepared for
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CHAPTER 1 **Executive Summary**

1.1 INTRODUCTION

The project site is currently occupied by an office building that has been in use for office/administration type operations since development in 1974. Office use is a permitted use under the existing Industrial Park land use designation and zoning for the site. Red Oak Investments, LLC is proposing to replace the office building and surface parking areas with a five-story apartment building and a six-level parking structure. The location of the proposed residential development could be desirable to professionals seeking housing in close proximity to major employers and transportation corridors. Therefore, the proposed project would contribute to the housing balance within the community.

The project proposes a four-story 240-unit residential development that wraps around a six-level covered parking structure with 465 parking spaces. The total proposed livable area is 216,521 square feet (sf). Since the apartments are planned to be marketed to professionals in the area, they would mostly be comprised of one-bedroom and two bedroom units, with some studio and 3 bedroom units. On-site amenities would include common open space and recreation areas, a pool, and a clubhouse. A conceptual site plan is shown in Figure 1 (Conceptual Site Plan).

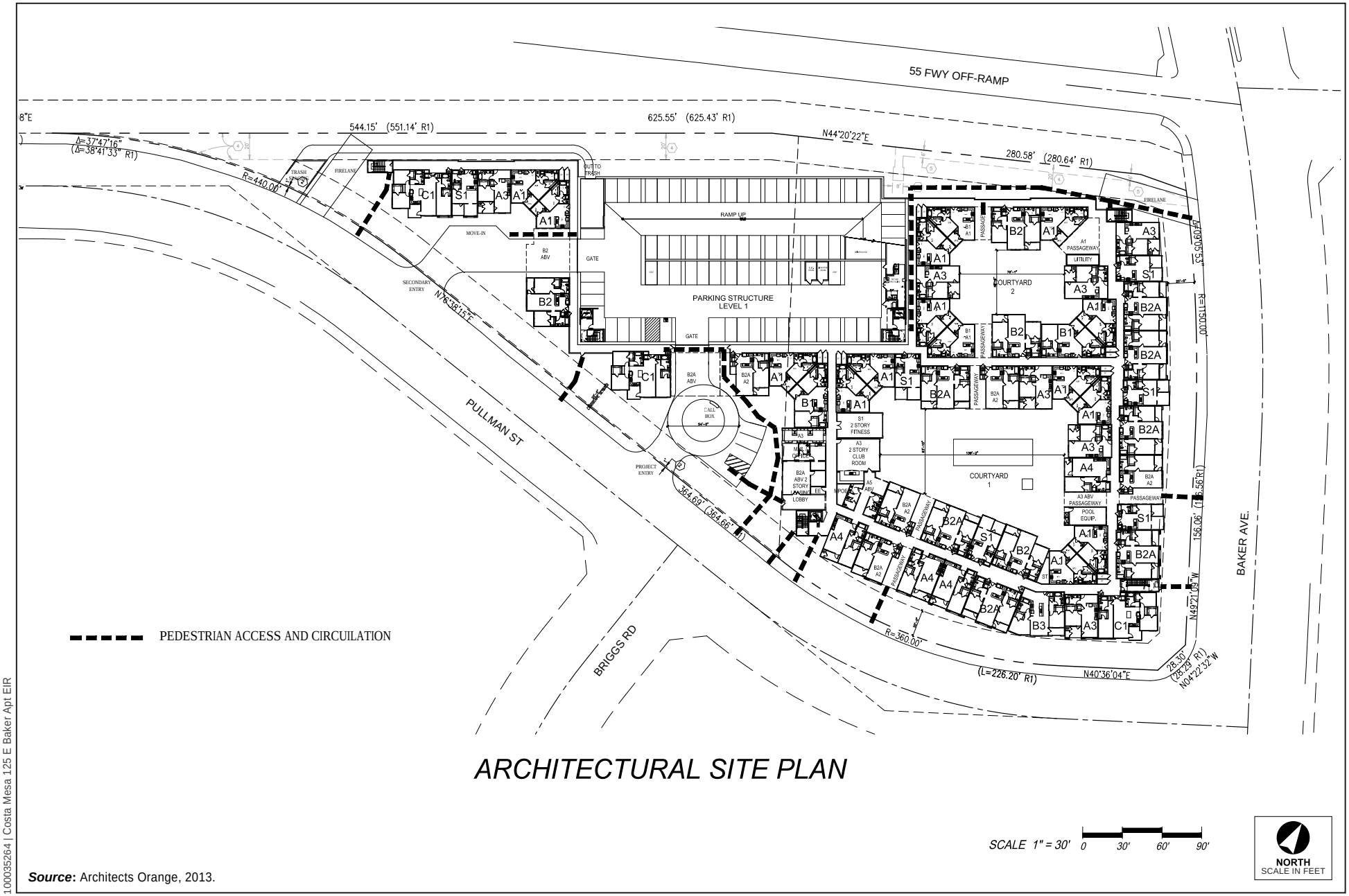
The following technical study analyzes the criteria pollutant emissions and climate change impacts associated with the construction and operation of the proposed project. Because the project site is currently occupied and operational, the analysis represents a net change in emissions between what current onsite operations emit and what the project will emit.

1.2 FINDINGS

The following technical study details the analysis of the criteria pollutant emissions and climate change impacts associated with the construction and operation of the proposed project. There is an existing operational commercial building onsite, therefore net project emissions are the proposed project related emissions minus the existing onsite emissions.

The analysis determines the significance of the proposed project based on the thresholds of significance outlined in the 2013 CEQA Guidelines Appendix G for air quality and climate change. The outcome of the analysis is summarized herein and detailed in Chapter 4 (Environmental Impacts and Mitigation). In the event thresholds are exceeded, mitigation has been recommended that would serve to reduce the impact to a less than significant level. The following summarizes the results of the analysis based on the individual CEQA thresholds.

Implementation of the proposed project would result in an increase in area residents and a corresponding increase in criteria air pollutants. However the implementation of the proposed project would not conflict with or obstruct implementation of the applicable air quality plan.



ARCHITECTURAL SITE PLAN

Source: Architects Orange, 2013.

Figure 1
Conceptual Site Plan

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Construction of the proposed project would result in an increase in criteria air pollutants such that emissions of volatile organic compounds (VOC) would exceed regulatory thresholds without the implementation of mitigation. However, with the implementation of the indentified mitigation measures MM-1 through MM-5, emissions would be reduced to below threshold levels and therefore the project impacts would be ***less than significant***. Construction mitigation consists of the following:

MM-1 *The Applicant shall require by contract specifications that construction equipment engines be maintained in good condition and in proper tune per manufacturer's specification for the duration of construction. Contract specifications shall be included in project construction documents, which shall be reviewed by the City of Costa Mesa prior to issuance of a grading permit.*

MM-2 *The Applicant shall require by contract specifications that construction operations rely on the electricity infrastructure surrounding the construction site rather than electrical generators powered by internal combustion engines. Contract specifications shall be included in project construction documents, which shall be reviewed by the City of Costa Mesa prior to issuance of a grading permit.*

MM-3 *As required by South Coast Air Quality Management District Rule 403—Fugitive Dust, all construction activities that are capable of generating fugitive dust are required to implement dust control measures during each phase of project development to reduce the amount of particulate matter entrained in the ambient air. These measures include the following:*

- *Application of soil stabilizers to inactive construction areas*
- *Quick replacement of ground cover in disturbed areas. If disturbed graded areas remain inactive for greater than four days, nontoxic soil stabilizers shall be applied.*
- *Watering of exposed surfaces two times daily*
- *Watering of all unpaved haul roads two times daily*
- *Covering all stock piles with tarp*
- *Reduction of vehicle speed on unpaved roads*
- *Post signs on site limiting traffic to 15 miles per hour or less*
- *Sweep streets adjacent to the project site at the end of the day if visible soil material is carried over to adjacent roads*
- *Cover or have water applied to the exposed surface of all trucks hauling dirt, sand, soil, or other loose materials prior to leaving the site to prevent dust from impacting the surrounding areas*
- *Install wheel washers where vehicles enter and exit unpaved roads onto paved roads to wash off trucks and any equipment leaving the site each trip*

MM-4 *The Applicant shall require by contract specifications that construction-related equipment, including heavy-duty equipment, motor vehicles, and portable equipment, shall be turned off when not in use for more than 5 minutes. Diesel-fueled commercial motor vehicles with gross vehicular weight ratings of greater than 10,000 pounds shall be turned off when not in use for more than 5 minutes. Contract specifications shall be included in the proposed project construction documents, which shall be approved by the City of Costa Mesa.*

MM-5 *The Applicant shall require by contract specifications that the architectural coating (paint and primer) products used have a VOC rating of 190 grams per liter or less, for all exterior and interior nonresidential land use architectural coating. As per SCAQMD regulations, architectural coating for residential land-uses shall not exceed 50 g/liter interior or 100 g/liter exterior. Contract*

specifications shall be included in the proposed project construction documents, which shall be approved by the City of Costa Mesa.

Implementation of the proposed project would generate an increase in operational related criteria pollutants such that emissions thresholds would not be exceeded. Therefore operational emissions are considered ***less than significant***.

Implementation of the proposed project would generate local traffic volumes, but would not result in a localized CO hotspot. Further the proposed project would not exceed the localized significance thresholds for construction or operation. Therefore the proposed project would result in ***less-than-significant*** localized impacts with respect to CO and localized emissions of CO, NO_X, PM_{10}, and $PM_{2.5}$.

The proposed project is not a source of new significant toxic air contaminant (TAC) emissions however the project is located adjacent to the State Route 55 (SR-55) freeway and within 300 feet of an auto body repair facility. Based on dispersion modeling and risk calculations, the potential cancer risk with respect to the proposed project's location adjacent to SR-55 would be significant without mitigation. However, with the incorporation of the identified mitigation measures MM-6 through MM-7, the risk to onsite receptors would be reduced to below threshold levels. Therefore the project would result in ***less-than-significant*** impacts.

MM-6 *Install a sealed HVAC system in conjunction with MERVE 13*[1] *or higher rated filters for all residential development within the project site. The sealed air system will be designed so that all ambient air introduced into the interior living space would be filtered through MERVE 13 or higher rated filters to remove diesel particulate matter (DPM) and other particulate matter. The MERVE 13 or higher rated filter is designed to remove approximately 74 percent of particulates of 3 microns or larger in size from the ambient air that is introduced to the system (NAFA 1999). As a conservative estimate of reductions, it is assumed that the residents are indoors up to 78 percent of the time (USDOL 2010). Therefore, a reduction of 58.75 percent of particulate matter is anticipated with respect to this measure.*

MM-7 *Install all HVAC system air intakes as far from SR-55 as possible. This will further reduce risk for all interior spaces to the risk where the HVAC air intake is placed.*

The proposed project is a residential development. While odor sources such as solid waste would be generated, the intended project uses are not considered major odor sources. Because only odors typical of the existing environment are anticipated and the proposed project is not a typical odor source, the proposed project would not create objectionable odors affecting a substantial number of people.

Implementation of the proposed project would result in a cumulatively considerable increase in criteria pollutants, localized pollutants or odors as detailed within Chapter 4. However, with implementation of the identified mitigation measures, MM-1 through MM-5, the proposed project would not be considered cumulatively considerable.

[1] Filters with less than a MERVE 13 rating are ineffective at removing ultrafine particles which make up 90 percent of particulate matter from diesel fuels.

The construction and operation of the proposed project would generate greenhouse gases (GHGs) from area and mobile sources. However, the annual emission of GHGs is anticipated to be below screening level thresholds and therefore the impact would be less than significant.

As indicated, the implementation of the proposed project would generate GHGs. However the proposed project would not conflict with applicable plans, policies or regulations adopted for the purpose of reducing regional GHG emissions.

The construction and operation of the proposed project would result in criteria pollutant and GHG emissions that have the potential to result in a significant cumulative impact. With the implementation of Mitigation Measures MM-1 through MM-7, the proposed project would result in impacts that are below all applicable thresholds. Therefore, the proposed project would result in ***less than significant*** air quality and climate change impacts with the implementation of the identified mitigation measures.

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CHAPTER 2 **Background Information**

The project site is located at 125 Baker Street; adjacent and east of the SR-55, approximately 0.5 mile north of SR-73 and 0.75 mile south of Interstate 405 (I-405). The approximately 4.17-acre project site is a flat, oblong parcel, bounded by Baker Street to the north, Pullman Street to the east and south, and the SR-55 to the west.

2.1 CLIMATE

The proposed project site is located in the north eastern portion of the City of Costa Mesa. The City of Costa Mesa is located in west Orange County and is bound by the City of Santa Ana to the north; the City of Irvine to the east; the City of Newport Beach to the east, south, and southwest; the City of Fountain Valley to the northwest; and the City of Huntington Beach to the west. The City of Costa Mesa is located within the South Coast Air Basin (Basin), which is surrounded by mountains trapping the air and its pollutants in the valleys or basins below. The Basin includes all of Orange County and the nondesert portions of Los Angeles, San Bernardino, and Riverside Counties. Bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, the Basin is an area of high air pollution potential. The regional climate within the Basin is considered semi-arid and is characterized by warm summers, mild winters, infrequent seasonal rainfall, moderate daytime onshore breezes, and moderate humidity. Air quality within the Basin is influenced by a wide range of emissions sources—such as dense population centers, heavy vehicular traffic, and industry. Climate change within the Basin is influenced by a wide range of emission sources, such as utility usage, heavy vehicular traffic, industry, and meteorology.

The annual average temperature varies throughout the Basin, ranging from the low to mid 60s to over 100 degrees during the summer, measured in Fahrenheit (°F). With a more pronounced oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas. The City of Costa Mesa is located in the western coastal portion of the Basin. The annual average temperature in the City ranges from 50 to 72°F, although temperatures can occasionally exceed 90°F and even 100°F. Typically the hottest and coldest months in the City are September and December, respectively (Weather Channel 2013).

The Basin experiences a persistent temperature inversion, which is characterized by increasing temperature with increasing altitude. This inversion limits the vertical dispersion of air contaminants, holding them relatively near the ground. As the sun warms the ground and the lower air layer, the temperature of the lower air layer approaches the temperature of the base of the inversion (upper) layer until the inversion layer finally breaks, allowing vertical mixing with the lower layer.

Aside from a persistent temperature inversion, the vertical dispersion of air contaminants in the Basin is also affected by wind conditions. The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. Conversely, on days of no inversion or high wind speeds, ambient air pollutant concentrations are the lowest. During periods of low inversions and low wind speeds, air pollutants generated in urbanized areas in the Basin are transported eastward, predominantly

into Riverside and San Bernardino Counties. Santa Ana winds, which are strong and dry north or northeasterly winds that occur during the fall and winter months, disperse air contaminants differently through the Basin, generally resulting in worse air conditions in Costa Mesa. Santa Ana conditions tend to last for several days at a time.

Wind speeds in the City of Costa Mesa annual average about 9.58 miles per hour (mph) (USA.com 2013). The City and its surrounding area also typically experience a daytime onshore sea breeze. While nighttime land breezes can also occur, wind in the Costa Mesa area is almost exclusively from the west, with the exceptions of winter storms and the Santa Ana winds discussed above.

The majority of annual rainfall in the Basin occurs between December and March. Summer rainfall is minimal and generally limited to scattered thundershowers in coastal regions. The annual average total of rainfall in the City is approximately 13.92 inches (USA.com 2013).

2.2 AIR POLLUTANTS

2.2.1 Criteria Air Pollutants

Air pollutant emissions within the Basin are generated from stationary, mobile, and natural sources. Stationary sources can be divided into two major subcategories: point and area sources. Point sources occur at an identified location and are usually associated with manufacturing and industry. Examples are boilers or combustion equipment that produce electricity or generate heat. Area sources are widely distributed and produce many small emissions. Examples of area sources include residential and commercial water heaters, painting operations, portable generators, lawn mowers, agricultural fields, landfills, and consumer products such as barbeque lighter fluid and hair spray. Construction activities that create fugitive dust, such as excavation and grading, also contribute to area source emissions. Mobile sources refer to emissions from on- and off-road motor vehicles, including tailpipe and evaporative emissions. On-road sources may be legally operated on roadways and highways. Off-road sources include aircraft, trains, and construction equipment. Mobile sources account for the majority of the air pollutant emissions within the air basin. Air pollutants can also be generated by the natural environment such as when fine dust particles are pulled off the ground surface and suspended in the air during high winds.

To protect the public health and welfare, the federal and state governments have identified five criteria air pollutants and a host of air toxics and established ambient air quality standards through the federal Clean Air Act and the California Clean Air Act. The federal and state air quality standards for these pollutants, ozone, CO, PM, SO_2, and lead are shown in the left hand column of Table 1 (Ambient Air Quality Standards for Criteria Pollutants) below. These pollutants are described as follows:

- **Ozone**—A gas that is formed when volatile organic compounds (VOCs), which can also be referred to as reactive organic gases (ROG), and nitrogen oxides (NO_X) undergo slow photochemical reactions in the presence of sunlight. Meteorological conditions that are needed to produce high concentrations of ozone are direct sunshine, early morning stagnation in source areas, high ground surface temperatures, strong and low morning inversions, greatly restricted vertical mixing during the day, and daytime subsidence that strengthens the inversion layer. Ozone concentrations are generally highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable.

- **Carbon Monoxide (CO)**—A colorless, odorless gas produced by the incomplete combustion of fuels. CO concentrations tend to be the highest during the winter morning, with little to no wind, when surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion engines, unlike ozone, motor vehicles operating at slow speeds are the primary source of CO in the Basin. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections.
- **Respirable Particulate Matter (PM_{10}) and Fine Particulate Matter ($PM_{2.5}$)**—Extremely small suspended particles or droplets 10 microns and 2.5 microns or smaller in diameter. Some sources of particulate matter, like pollen and windstorms, are naturally occurring. However, in populated areas, most particulate matter is caused by road dust, diesel soot, combustion, abrasion of tires and brakes, and construction activities.
- **Sulfur dioxide (SO_2)**—A colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant mainly as a result of burning high sulfur-content fuel oils and coal, and from chemical processes occurring at plants and refineries. Although sulfur dioxide concentrations have been reduced to levels well below state and national standards, further reductions are desirable because SO_2 is a precursor to sulfates. Sulfates, pollutants that can have adverse effects for both humans and the environment, are a particulate formed through the photochemical oxidation of SO_2.
- **Lead**—Lead occurs in the atmosphere as particulate matter. The combustion of leaded gasoline is the primary source of airborne lead in the Basin. The use of leaded gasoline is no longer permitted for on-road motor vehicles; therefore, most lead combustion emissions are associated with off-road vehicles such as racecars and some airplanes. Other sources of lead occur in the manufacturing and recycling of batteries, paint, ink, ceramics, ammunition, and secondary lead smelters.

2.2.2 Greenhouse Gases

Parts of the Earth's atmosphere act as an insulating blanket of just the right thickness, trapping sufficient solar energy to keep the global average temperature in a suitable range. The "blanket" is a collection of atmospheric gases called "greenhouse gases" based on the idea that these gases trap heat like the glass walls of a greenhouse. These gases, mainly water vapor, carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), ozone (O_3), and chlorofluorocarbons (CFCs), all act as effective global insulators, reflecting visible light and infrared radiation back to earth. Human activities, such as producing electricity and driving internal combustion vehicles, have contributed to the elevated concentration of these gases in the atmosphere. This in turn is causing the Earth's temperature to rise. A warmer Earth may lead to changes in rainfall patterns, smaller polar ice caps, a rise in sea level, and a wide range of impacts on plants, wildlife, and humans.

The relationships of water vapor and ozone as GHGs are poorly understood. It is unclear how much water vapor acts as a GHG. The uncertainty is due to the fact that water vapor can also produce cloud cover, which reflects sunlight away from Earth and can counteract its effect as a GHG. Also, water vapor tends to increase as the Earth warms, so it is not well understood whether the increase in water vapor is contributing to or rather a result of climate change. Ozone tends to break down in the presence of solar radiation but is not understood well enough for evaluation. For these reasons, methodologies approved by the Intergovernmental Panel on Climate Change (IPCC), USEPA, and the California ARB focus on carbon dioxide, nitrous oxide, methane, and chlorofluorocarbons:

- **Carbon Dioxide**—The natural production and absorption of carbon dioxide occurs through the burning of fossil fuels (e.g., oil, natural gas, and coal), solid waste, trees and wood products, and as a result of other chemical reactions, such as those required to manufacture cement. Globally, the largest source of CO_2 emissions is the combustion of fossil fuels such as coal, oil, and gas in power plants, automobiles, and industrial facilities. A number of specialized industrial processes, such as mineral or metal production, and the use of petroleum-based products, leads to CO_2 emissions. CO_2 emissions account for 84 percent of all US GHG emissions resulting from human activities (USEPA n.d.a).

  CO_2 is removed from the atmosphere (or sequestered) when it is absorbed by plants as part of the biological carbon cycle. Natural sources of CO_2 occur within the carbon cycle where billions of tons of atmospheric CO_2 are removed by oceans and growing plants and are emitted back into the atmosphere through natural processes. When in balance, total CO_2 emissions and removals from the entire carbon cycle are roughly equal. Since the Industrial Revolution in the 1700s, human activities (including the burning of oil, coal, and gas, as well as deforestation) have substantially increased CO_2 concentrations in the atmosphere (USEPA n.d.a).

- **Methane**—Methane is emitted from a variety of both human-related (anthropogenic) and natural sources. Anthropogenic sources include the production and transport of coal, natural gas, and oil, livestock and other agricultural practices, and from the decay of organic waste in municipal solid waste landfills. It is estimated that 60 percent of global CH_4 emissions are related to human activities (USEPA n.d.b). Natural sources of CH_4 include wetlands, gas hydrates (Geology.com n.d.),[2] permafrost, termites, oceans, freshwater bodies, nonwetland soils, and wildfires. CH_4 emission levels from a particular source can vary significantly from one country or region to another. These variances depend on many factors, such as climate, industrial and agricultural production characteristics, energy types and usage, and waste management practices. For example, temperature and moisture have a significant effect on the anaerobic digestion process, which is one of the key biological processes resulting in CH_4 emissions from both human and natural sources. Also, the implementation of technologies to capture and utilize CH_4 from sources such as landfills, coal mines, and manure management systems affects the emission levels.

- **Nitrous Oxide**—Concentrations of nitrous oxide also began to rise at the beginning of the Industrial Revolution reaching 314 parts per billion (ppb) by 1998 (NOAA 2012). Microbial processes in soil and water, including those reactions that occur in fertilizer containing nitrogen, produce nitrous oxide. In addition to agricultural sources, some industrial processes (fossil fuel-fired power plants, nylon production, nitric acid production, and vehicle emissions) also contribute to the atmospheric load of N_2O.

- **Chlorofluorocarbons**—Chlorofluorocarbons have no natural source, but were synthesized for uses as refrigerants, aerosol propellants, and cleaning solvents. Since their creation in 1928, the concentrations of CFCs in the atmosphere have been rising. Due to the discovery that they are able to destroy stratospheric ozone, a global effort to halt their production was undertaken, and levels of the major CFCs are now remaining static or declining. However, their long atmospheric lifetimes mean that some of the CFCs will remain in the atmosphere for over 100 years. Since they are also a GHG, along with such other long-lived synthesized gases as CF_4 (carbontetrafluoride) and SF_6 (sulfurhexafluoride), they are of concern. Another set of

[2] Gas hydrates are crystalline solids that consist of a gas molecule, usually methane, surrounded by a "cage" of water molecules (Geology.com n.d.).

synthesized compounds called HFCs (hydrofluorocarbons) are also considered GHGs, though they are less stable in the atmosphere, and therefore, have a shorter lifetime and less of an impact. The use of CFCs, CF_4, SF_6, and HFCs has been banned and are no longer commercially available. Therefore, these GHGs are not included in this analysis.

Potential Effects of Human Activity on Climate Change

The effect each GHG has on climate change is measured as a combination of the volume of its emissions and its global warming potential (GWP), and is expressed as a function of how much warming would be caused by the same mass of CO_2. Thus, GHG emissions are typically measured in terms of tons of CO_2 equivalents (CO_2e), and are often expressed in metric tons (MT CO_2e) or millions of metric tons of CO_2 equivalents (MMT CO_2e).

Global Emissions. Worldwide emissions of GHGs in 2004 were nearly 30 billion tons of CO_2e per year (including both ongoing emissions from industrial and agricultural sources, but excluding emissions from land-use changes) (UNFCCC 2007). In 2009, worldwide emissions of GHGs were at 25.18 billion tons of CO_2e, of which the United States accounted for about 26 percent (USEPA 2012).

U.S. Emissions. In 2011, total U.S. greenhouse gas emissions were 6,702.3 MMT CO_2e. Since 1990, U.S. emissions have increased at an average annual rate of 0.4 percent. During the period from 1990 to 2011, total emissions of CO_2, and N_2O increased by 504.0 teragrams (Tg) CO_2e (9.9 percent) and 12.6 Tg CO_2e (3.6 percent) respectively. Total emissions of CH_4 decreased by 52.7 Tg CO_2e (8.2 percent) during the same period (USEPA 2013).

State of California Emissions. In 2010, total California greenhouse gas emissions were 452 MT CO_2e, or about 7 percent of the U.S. emissions. The transportation sector accounted for approximately 38 percent of the total emissions, while the industrial sector accounted for approximately 21 percent. Emissions from electricity generation were about 23 percent with almost equal contributions from in-state (12 percent) and imported (11 percent) electricity. Emissions from agriculture (7 percent), residential (7 percent), and commercial (3 percent) sectors accounted for approximately 7 percent of the total (California ARB 2013b). Nonspecified sources account for the remaining 3 percent of California GHG emissions.

2.3 AIR QUALITY

2.3.1 Existing Regional Air Quality Emissions

Both the federal and state governments have established ambient air quality standards for outdoor concentrations of various pollutants in order to protect public health. The national and state ambient air quality standards have been set at levels where concentrations could be generally harmful to human health and welfare and to protect the most sensitive persons from illness or discomfort with a margin of safety. The air pollutants for which federal and state standards have been promulgated and which are most relevant to air quality planning and regulation in the air basins include ozone, carbon monoxide, suspended particulate matter, sulfur dioxide, and lead.

Measurements of ambient concentrations of criteria pollutants are used by the United States Environmental Protection Agency (EPA) and the California Air Resources Board (ARB) to assess and classify the air quality of each air basin, county, or, in some cases, a specific developed area. The classification is determined by comparing monitoring data with national and California air quality standards. If a pollutant concentration in an area is lower than the standard, the area is classified as being in "attainment." If the pollutant exceeds the standard, the area is in marginal, moderate, serious, severe, or extreme "nonattainment," depending on the magnitude of the air quality standard exceedance. If there are not enough data available to determine whether the standard is exceeded in an area, the area is designated "unclassified."

At the federal level, the Basin is designated as an extreme nonattainment area for ozone, meaning that federal ambient air quality standards are not expected to be met for several years. The Basin is also designated as a serious nonattainment area for PM_{10}. The area is also a federal-level nonattainment area for $PM_{2.5}$. The federal status of the Basin for CO is a "serious maintenance area" and the Basin is in attainment for NO_2 and SO_2.

At the state level, the Basin is also designated as an extreme nonattainment area for ozone and a nonattainment area for $PM_{2.5}$ and PM_{10}. It is in attainment for the state CO standard, SO_2, and NO_2 within the majority of the Basin. Within Orange County though, the Basin is a nonattainment area for NO_2, a subcategory of NO_X (California ARB 2012a). In an effort to monitor the various concentrations of air pollutants throughout the basin, the South Coast Air Quality Management District (SCAQMD) has divided the region into thirty-eight source receptor areas (SRAs) in which thirty-two monitoring stations operate. The City of Costa Mesa is located within SRA 18, which covers the northwest costal portion of Orange County.

Ambient air pollutant concentrations within SRA 18 are monitored at the 2850 Mesa Verde Drive East in Costa Mesa. The air monitoring station for SR 18 monitors ozone, CO, NO_2, and SO_2. Measurements for PM_{10}, and $PM_{2.5}$ were taken in SRA 4 (South Costal LA County 2), as these pollutants are not measured in SRA 18. SRA 4 generally covers southern coastal Los Angeles area and is the closest coastal monitoring station to Costa Mesa that monitors for PM_{10} and $PM_{2.5}$. The SRA 4 monitoring station is located at 1305 E. Pacific Coast Highway, Long Beach, CA.

Table 1 (Ambient Air Quality Standards for Criteria Pollutants) identifies the national and state ambient air quality standards for relevant air pollutants and provides a summary of ambient air quality measured within SRA 18 and SR4 through the period of 2008 to 2012. As identified in the table, the national 8-hour ozone standard was exceeded on 6 days, and the State 8-hr standard was exceeded on 14 days during this period. The state 1-hour standard for ozone was exceeded for 1 day in 2010. The state 24-hr standard for PM_{10} was exceeded 22 times and the $PM_{2.5}$ federal 24-hr standard was exceeded 18 times. The state and federal standards for CO and NO_2 were not exceeded from 2008 through 2012, while data was not available for one hour CO during 2011 or 2012.

Table 1 Ambient Air Quality Standards for Criteria Pollutants

Pollutant/Standard	*Number of Days Threshold Were Exceeded and Maximum Levels During Such Violations*				
	2008	*2009*	*2010*	*2011*	*2012*
Ozone					
Max. 1-Hour Conc. (ppm)	0.094	0.087	0.097	0.093	0.090
State 1-Hour ≥ 0.09 ppm	0	0	1	0	0
Max. 8-Hour Conc. (ppm)	0.079	0.075	0.076	0.077	0.076
Federal 8-Hour > 0.075 ppm	3	0	1	1	1
State 8-Hour ≥ 0.070 ppm	6	3	2	2	1
Carbon Monoxide					
Max 1-Hour Conc. (ppm)	3	3	2.0	*	*
Federal 1-Hour ≥ 35 ppm	0	0	0	*	*
State 1-Hour > 20 ppm	0	0	0	*	*
Max. 8-Hour Conc. (ppm)	2.0	2.2	2.1	2.2	1.71
Federal 8-Hour ≥ 9.0 ppm	0	0	0	0	0
State 8-Hour > 9.0 ppm	0	0	0	0	0
Nitrogen Dioxide					
Max. 1-Hour Conc. (ppm)	0.08	0.07	0.070	0.061	0.075
Federal 1-Hour ≥ 0.10 ppm	0	0	0	0	0
State 1-Hour ≥ 0.18 ppm	0	0	0	0	0
Max. Annual Conc. (ppm)	0.0132	0.0130	0.011	0.10	*
Federal Annual ≥ 0.053 ppm	0	0	0	0	*
State Annual ≥ 0.030 ppm	0	0	0	0	*
Suspended Particulates (PM_{10})					
Max. 24-Hour Conc. (μg/m^3)	81	83	76	50	54.0
Federal 24-Hour > 150 μg/m^3	0	0	0	0	0
State 24-Hour > 50 μg/m^3	9	5	2	0	6
Max. Annual Conc. (μg/m^3)	35.8	33.2	27.3	28.7	25.4
Fine Particulates ($PM_{2.5}$)					
Max. 24-Hour Conc. (μg/m^3)	60.9	55.8	33.7	42.0	46.7
Federal 24-Hour > 35 μg/m^3	7	4	0	3	4
Max. Annual. (μg/m^3)	13.7	12.5	10.4	10.7	*

SOURCE: For 2008 – 2011 data: South Coast Air Quality Management District, Historical Data by Year (2013), http://www.aqmd.gov/smog/historicaldata.htm (accessed July 25, 2013);
For 2012 data: California Air Resources Board, Top 4 Measurements and Days Above the Standard, http://www.arb.ca.gov/adam/topfour/topfourdisplay.php (accessed July 25, 2013).

ppm = parts per million; μg/m^3 = micrograms per cubic meter

Ambient concentrations of ozone, carbon monoxide, and nitrogen dioxide were measured at SRA 2. Ambient concentrations of PM_{10}, $PM_{2.5}$, and SO_2 were measured at SRA 1.

* Data not available from California ARB or SCAQMD during preparation of this EIR.

2.3.2 Local Air Quality

Motor vehicles are the primary source of pollutants in the project site vicinity. Local emissions sources also include stationary activities, such as space and water heating, landscape maintenance from leaf blowers and lawn mowers, consumer products, and local industrial sources. Traffic-congested roadways and intersections have the potential to generate localized high levels of CO. Localized areas where ambient concentrations exceed national and/or state standards for CO are termed "CO hotspots." SCAQMD CEQA Air Quality Handbook Section 9.l4 identifies CO as a localized problem requiring additional analysis when a project is likely to subject sensitive receptors to CO hotspots.

2.4 TOXIC AIR CONTAMINANTS

Toxic air contaminants (TACs) are a diverse group of air pollutants that can affect human health, but have not had ambient air quality standards established for them. This is not because they are fundamentally different from the pollutants discussed above, rather, it is due to the fact that, their effects tend to be local rather than regional. California ARB has designated nearly 200 compounds as TACs and has implemented control measures for a number of compounds that pose high risks and show potential for effective control. The majority of the estimated health risks from TACs can be attributed to a relatively few compounds, the most important being particulate matter from diesel-fueled engines.

The public's exposure to TACs is a significant environmental health issue in California. In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health. The Health and Safety Code defines a TAC as "an air pollutant which may cause or 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 Federal Act Section 112, subsection (b) (42 USC Sec. 7412(b)), is a toxic air contaminant. Under State law, the California Environmental Protection Agency, acting through the California ARB, is authorized to identify a substance as a TAC if it determines the substance is an air pollutant that may cause or contribute to an increase in mortality or an increase in serious illness, or that may pose a present or potential hazard to human health.

The California ARB indicates that one of the highest public health priorities is the reduction of diesel particulate matter (DPM) generated by vehicles on California's highways. Other potential TAC generators within the SCAQMD are associated with specific types of facilities such as dry cleaners, gas stations, distribution centers, and ports, and are the focus of ARB's control efforts.

2.4.1 Trends in Background TAC Levels

Trends in background concentrations of various TACs are published annually by ARB in the California Almanac of Emissions and Air Quality. At present, the estimated risk from DPM is greater than the risk of all other TACs combined and poses the most significant risk to California's population. ARB estimates that, of the known cancer risk in California, 79 percent of the top 10 outdoor air toxics are attributable to DPM (California ARB 2009).

The Diesel Risk Reduction Plan, which recommends various control measures to reduce risk associated with DPM, was adopted by ARB in September of 2000 (California ARB 2000). The recommended control measures were developed to achieve a reduction in DPM of 85 percent by 2020. The Plan elements include retrofitting existing engines with emission control devices, adopting more stringent standards for new engines, lowering the sulfur content of fuel, and implementing advanced technology emission control devices on diesel engines. Without implementing the control measures within the Plan, it is estimated that DPM emissions from diesel use would only drop 33 percent from 2000 levels by 2020.

2.4.2 Diesel Particulate Matter

DPM is a mixture of exhaust particles and gases produced when an engine burns diesel fuel. DPM consists of small particles with an aerodynamic diameter that is less than or equal to 10 microns (1/7 of the diameter of a single human hair). According to the SCAQMD and the California Air Resources Board, motor-vehicle emissions consist of a complex mixture of particulates and gaseous pollutants such as fine particulate matter ($PM_{2.5}$), ultrafine particulates (particles with a diameter <0.1 mm), PM_{10}, and other components. Further, the ultra fine particles make up approximately 90 percent of the total particulate number (SCAQMD 2012; California ARB 2012b).

Many compounds found in diesel exhaust are carcinogenic, including 16 that are classified as possibly carcinogenic by the International Agency for Research on Cancer. The size of the particles allows them to reach and become lodged in the air sacs deep in the lungs resulting in adverse health effects. Some short-term (acute) effects of DPM exposure include eye, nose, throat, and lung irritation, and can cause coughs, headaches, light-headedness, and nausea. Long term (chronic) effects include aggravation of existing respiratory and cardiovascular disease, alteration in the body's defense systems against foreign materials, damage to lung tissue, reduced lung function, carcinogenesis, premature birth rates, and premature death. Pregnant women, children, the ill, and the elderly are more susceptible to adverse health effects from DPM exposure. The following list of potential noncancer health risks related to exposure to DPM emissions (SCAQMD 2010):

- Prenatal exposure to car, bus, and truck exhaust is linked with lower childhood IQ scores.
- Infants living within 50 meters of a major highway had 6 percent higher risk of requiring medical attention from the development of bronchiolitis.
- Prolonged exposure to motor vehicle exhaust increased the probability of severe pneumonia in adults over 65 years of age.
- Children living near a freeway have a substantial deficit in lung formation compared with children living farther away.
- Postmenopausal women living in communities with high levels of fine particulate matter had a 150 percent greater risk of dying from heart disease and stroke than women living in less polluted areas.
- Exposure results in increased effects on lung function including lung and airway inflammation in adults with asthma that are exposed to 2 hours of walking near heavy diesel traffic corridors.
- Disruption of normal cell function can occur when ultrafine particles from incomplete combustion bypass the body's defense mechanism and enter cells and tissues.

- Risk of low birth weight and premature birth increases with exposure to traffic-related air pollution.

2.5 SENSITIVE RECEPTORS

Sensitive receptors are populations that are more susceptible to the effects of air pollution than are the population at large. While the ambient air quality standards are designed to protect public health and are generally regarded as conservative for healthy adults, there is greater concern to protect adults who are ill or have long-term respiratory problems, and young children whose lungs are not fully developed. According to California ARB, sensitive receptors include children less than 14 years of age, the elderly over 65 years of age, and people with cardiovascular and chronic respiratory diseases.

The SCAQMD identifies the following as locations that may contain a high concentration of sensitive receptors; long-term health care facilities, rehabilitation centers, convalescent centers, retirement homes, residences, schools, playgrounds, childcare centers, and athletic facilities. The City of Costa Mesa, which is a built-out urban community, contains a number of each of these different land uses. The closest residential uses associated with the proposed project would be the new occupants that are located onsite once construction is completed. Prior to construction the closest residential receptor is located approximately 500 feet northeast of the project site on the opposite side of SR-55. The closest nonresidential receptors are the Pacific Technology School and Vineyard Christian School located approximately 120 feet north of the project site at 102 Baker Street and the Mariner's Christian School approximately 860 feet southeast of the project site at 300 Fischer Street.

2.6 REGULATORY ENVIRONMENT

Air quality in the proposed project area is regulated by the federal EPA, California ARB, and the SCAQMD. These agencies develop rules and regulations to meet the goals or directives imposed on them through legislation. Although federal EPA regulations may not be superseded, both state and local regulations may be more stringent than the federal standards. In general, air quality evaluations are based on air quality standards developed by the federal and state governments. Emissions limitations are then imposed upon individual sources of air pollutants by the various air agencies. Mobile sources are largely controlled through federal and state agencies, while most stationary sources are regulated by the local air pollution control or air quality management districts.

Global climate change is addressed through the efforts of various federal, State, regional, and local government agencies as well as national and international scientific and governmental conventions and programs. These agencies work jointly, as well as individually, to understand and regulate the effects of greenhouse gas emissions and resulting climate change through legislation, regulations, planning, policy-making, education, and a variety of programs. The significant agencies, conventions, and programs focused on air quality and global climate change are discussed below.

2.6.1 Federal

The EPA is the federal agency responsible for setting and enforcing the federal ambient air quality standards for atmospheric pollutants. The EPA regulates emission sources that are under the exclusive authority of the federal government, such as aircraft, ships, and certain locomotives.

As part of its enforcement responsibilities, the EPA requires each state with nonattainment areas to prepare and submit a State Implementation Plan (SIP) that describes a strategy for the means to attain the federal standards for ozone and particulate matter. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution, using a combination of performance standards and market-based programs.

Clean Air Act

The Federal Clean Air Act (FCAA), as amended, establishes air quality standards for several pollutants. These standards are divided into primary standards and secondary standards. Primary standards are designed to protect public health, and secondary standards are intended to protect public welfare from effects such as visibility reduction, soiling, nuisance, and other forms of damage. The FCAA requires that regional plans be prepared for nonattainment areas illustrating how the federal air quality standards could be met.

Regulation of TACs is achieved through federal and state controls on individual sources. The 1990 FCAA Amendments offered a comprehensive plan for achieving significant reduction in both mobile and stationary source emissions of certain designated Hazardous Air Pollutants, with a goal of achieving the EPA's one in 1 million cancer risk from TACs.

2.6.2 State

The California ARB, a part of the California Environmental Protection Agency (Cal EPA), is responsible for the coordination and administration of both federal and state air pollution control programs within California. In this capacity, the California ARB conducts research, sets State ambient air quality standards, compiles emission inventories, develops suggested control measures, and provides oversight of local programs. The California ARB establishes emissions standards for motor vehicles sold in California, consumer products (such as hairspray, aerosol paints, and barbecue lighter fluid), and various types of commercial equipment. It also sets fuel specifications to further reduce vehicular emissions.

California Clean Air Act

The California Clean Air Act (CCAA) of 1988 requires nonattainment areas to achieve and maintain the state ambient air quality standards by the earliest practicable date. Local air districts are responsible for developing plans for attaining the state ozone, carbon monoxide, sulfur dioxide, and nitrogen dioxide standards. The California ARB has primary responsibility for the development of California's SIP, for which it works closely with the federal government and the local air districts. The state submitted its latest SIP to the federal EPA in November 2007. The SIP identifies measures that will be implemented to reduce ozone and fine particulate matter ($PM_{2.5}$) emissions to meet federal standards.

Toxic Air Contaminants

Regulation of TACs is achieved through federal and state controls on individual sources. The Air Toxics Hot Spots Information and Assessment Act of 1987 (AB 2588), California Health and Safety Code Sections 44300 et seq. provide for the regulation of over 200 air toxics and is the primary air contaminant legislation in the state. California ARB has published the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles. This plan identifies diesel particulate matter as the predominant TAC in California and identifies methods for reducing diesel emissions from mobile, stationary, and area-wide sources. California ARB has also prepared an informational document, *Air Quality and Land Use Handbook A Community Health Perspective* (2005), with recommended guidelines for siting sensitive land uses near sources of mobile TAC emissions such as DPM.

Executive Order S-3-05

Executive Order S-3-05 establishes following GHG emission reduction targets:

- By 2010, California shall reduce GHG emissions to 2000 levels;
- By 2020, California shall reduce GHG emissions to 1990 levels; and
- By 2050, California shall reduce GHG emissions to 80 percent below 1990 levels.

Assembly Bill (AB) 32, the California Global Warming Solutions Act of 2006

In 2006, the California State Legislature adopted AB 32, the California *Global Warming Solutions Act of 2006*. AB 32 focuses on reducing GHG in California. GHGs as defined under AB 32 include carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. AB 32 required California ARB to adopt rules and regulations that would achieve greenhouse gas emissions equivalent to 1990 statewide levels by 2020. California ARB published a staff report that determined the statewide levels of GHG emissions in 1990 to be 427 MMT CO_2e. California ARB published its final report for Proposed Early Actions to Mitigate Climate Change in California in October 2007. This report described recommendations for discrete early action measures to reduce GHG emissions. California ARB estimates that by 2020, the reductions from those three measures would be approximately 13 through 26 million metric tons (MMT) of carbon dioxide equivalents (CO_2e).

In December 2008, California ARB adopted the Climate Change Scoping Plan, which outlined the State's strategy to achieve the 2020 GHG limit. The 2008 California ARB Scoping Plan (California ARB 2008) projected 2020 emissions to be 596 $MMTCO_2e$ if no emission reductions occur, as compared to the 2020 target (1990 emissions level) of 427 $MMTCO_2e$. In order to reach the 2020 target goal, emissions must be reduced by 169 $MMTCO_2e$ (approximately 29 percent reduction). The 2008 Scoping Plan called for the largest reductions in GHG emissions to be achieved by implementing the following measures and standards:

- Improved emissions standards for light-duty vehicles (estimated reductions of 31.7 MMT CO_2e)
- The Low-Carbon Fuel Standard (15.0 MMT CO_2e)

- Energy efficiency measures in buildings and appliances and the widespread development of combined heat and power systems (26.3 MMT CO_2e)
- A renewable portfolio standard for electricity production (21.3 MMT CO_2e)

California ARB revised the Scoping Plan in 2011. The 2011 Scoping Plan incorporates changes that have occurred since the original 2008 Plan was adopted. While the structure and framework remain the same, the 2011 Plan provides an updated business-as-usual benchmark, and revised reduction requirements that take into account the current economic status of California.

The scoping plan is currently undergoing additional review and updates that will change the priorities over the next 5 years. The revised plan will lay the groundwork for hitting post 2020 goals, s well as highlight California's progress toward meeting the 2020 goals (California ARB 2013a).

2.6.3 Regional

Southern California Association of Governments (SCAG)

The Southern California Association of Governments (SCAG) is a council of governments for Imperial, Los Angeles, Orange, Riverside, San Bernardino and Ventura counties. It is a regional planning agency and serves as a forum for regional issues relating to transportation, the economy, community development and the environment. Although SCAG is not an air quality management agency, it is responsible for developing transportation, land use and energy conservation measures that affect air quality. SCAG's Regional Comprehensive Plan and Guide (RCPG) provide growth forecasts that are used in the development of air quality related land use and transportation control strategies by SCAQMD.

Regional Comprehensive Plan

The Regional Comprehensive Plan (RCP) is a problem-solving guidance document that responds to SCAG's Regional Council directive in the 2002 Strategic Plan to develop a holistic, strategic plan for defining and solving the region's interrelated housing, traffic, water, air quality, and other regional challenges. The RCP is a voluntary framework that links broad principles to an action plan that moves the region towards balanced goals. The RCP's guiding principles include:

- Improve mobility for all residents. Improve the efficiency of the transportation system by strategically adding new travel choices to enhance system connectivity in concert with land use decisions and environmental objectives.
- Foster livability in all communities.
- Foster safe, healthy, walkable communities with diverse services, strong civic participation, affordable housing, and equal distribution of environmental benefits.
- Enable prosperity for all people. Promote economic vitality and new economies by providing housing, education, and job training opportunities for all people.
- Promote sustainability for future generations.

- Promote a region where quality of life and economic prosperity for future generations are supported by the sustainable use of natural resources.

South Coast Air Quality Management District

SCAQMD is the agency principally responsible for comprehensive air pollution control in the Basin. The SCAQMD is specifically responsible for monitoring air quality and planning, implementing, and enforcing programs designed to attain and maintain state and federal ambient air quality standards within the district.

In order to provide GHG emission guidance to the local jurisdictions within the Basin, the SCAQMD has organized a Working Group to develop GHG emissions analysis guidance and thresholds. SCAQMD released a draft guidance document regarding interim CEQA GHG significance thresholds in October 2008. On December 5, 2008, the SCAQMD Governing Board adopted the staff proposal for an interim GHG significance threshold for projects where the SCAQMD is the lead agency. SCAQMD proposed a tiered approach, whereby the level of detail and refinement needed to determine significance increases with a project's total GHG emissions. The tiered approach defines projects that are exempt under CEQA and projects that are within the jurisdiction of and subject to the policies of a GHG Reduction Plan as less than significant.

Air Quality Management Plan

The SCAQMD and SCAG are the agencies responsible for preparing the Air Quality Management Plan (AQMP) for the Basin. Once adopted, the AQMP becomes a portion of California's SIP describing the plan to bring the Basin into attainment with the NAAQS and California Ambient Air Quality Standards. The most recent plan is the 2012 AQMP adopted on December 7, 2012. The 2012 AQMP is designed to meet the state and federal Clean Air Act planning requirements and focuses on new federal ozone and $PM_{2.5}$ standards. The 2012 AQMP incorporates significant new emissions inventories, ambient measurements, scientific data, control strategies, and air quality modeling including transportation conformity budgets that show vehicle miles travelled (VMT) emissions offsets following the recent changes in USEPA requirements.

The 2012 AQMP details the district's current understanding of issues associated with living near high volume roadways and the associated exposure to toxic air contaminants (TACs). The AQMP presents background information on air pollutants emitted from motor vehicles; results from ambient measurement studies conducted near traffic sources, on roadways, and inside vehicles; and health effects from these pollutants. Potential control, mitigation, policy strategies for limiting exposures, and future actions to address this emerging and important topic are also addressed. According to the AQMP, a positive association between living near busy roadways and asthma exacerbation, decreased lung function, increased heart disease, a faster progression of atherosclerosis, increased risk of low birth weight and premature delivery, lower immune function, and increased risk of Type 2 diabetes in post menopausal women (SCAQMD 2012).

In response to the increased importance of TACs with respect to proximity to mobile sources the SCAQMD began the MATES IV study in July of 2012. The study is designed to characterize the

carcinogenic risk caused by exposure to air toxics in the basin, including the risk caused by close proximity to mobile sources such as airports, rail yards, freeways, and warehouse operations.

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CHAPTER 3 **Methodology**

The analysis focuses on the nature and magnitude of the change in the air quality environment and climate change due to implementation of the proposed project. Air pollutant emissions associated with the proposed project would result from construction activities, operation of uses contemplated under the proposed project, and project-related vehicle trips. Air quality impacts are also estimated in relationship to the nearest schools, hospitals, convalescent homes, and other sensitive uses, including the new residential uses associated with the proposed project. The health of people at these properties may be adversely impacted if air emissions exceed a level deemed significant by federal and state agencies. The net increase in project site emissions generated by these activities and other secondary sources have been quantitatively estimated and compared to thresholds of significance established by the SCAQMD.

The impact analysis for the proposed project is based on the emissions analysis, which is presented below. Air quality and GHG emissions associated with the development and operation of the proposed project were estimated using the CalEEMod Version 2011.1 software, trip generation data from the project traffic analysis (LLG 2013), emissions factors from the California Climate Action Registry, and other sources.

Various aspects of constructing, operating, and eventually discontinuing the use of industrial, commercial and residential development will result in GHG emissions. Operational GHG emissions result from energy use associated with heating, lighting, and powering buildings (typically through natural gas and electricity consumption), pumping and processing water (which consumes electricity), as well as fuel used for transportation and decomposition of waste associated with building occupants. New development can also create GHG emissions in its construction and demolition phases in connection with the use of fuels in construction equipment, creation and decomposition of building materials, vegetation clearing, and other activities. However, it is noted that new development does not necessarily create entirely new GHG emissions. Occupants of new buildings are often relocating and shifting their operational-phase emissions from other locations.

Because each GHG has a different potential impact on climate change, a common metric of CO_2e is used to report a combined impact from all of the GHGs. The effect each GHG has on climate change is measured as a combination of the volume of its emissions and its global warming potential, and is expressed as a function of how much warming would be caused by the same mass of CO_2. Thus, GHG emissions in this analysis are measured in terms of metric tons of carbon dioxide equivalents (MT CO_2e).

3.1 CONSTRUCTION EMISSIONS

3.1.1 Criteria Pollutants

Construction emissions associated with the proposed project were estimated using the California Emission Estimator Model (CalEEMod).[3] Assumptions and calculations are included in Appendix A and

[3] CalEEMod is a model developed for SCAQMD to determine construction and operational emissions of a proposed project.

the CalEEMod worksheet results are provided in Appendix B. Construction emissions were calculated based on the types and number of pieces of equipment that would be used to demolish, grade, excavate, and balance fill at the project site, and construct the uses proposed under the project.

Construction activities associated with the proposed project would temporarily increase diesel emissions, and would generate particulate matter (dust). Construction equipment within the project site that would generate VOC and NO_X pollutants could include graders, excavators, and bulldozers. Some of this equipment would be used during demolition and grading activities as well as during construction of the buildings on the project site. It is assumed that all construction equipment used would be diesel-powered.

3.1.2 Localized Significance Thresholds for Construction

In addition to the daily air emissions thresholds established by SCAQMD, potential localized impacts for certain criteria pollutants with regard to project-related construction emissions are calculated using SCAQMD's localized significance threshold (LST) methodology. LST methodology utilizes on-site mass emissions rate look up tables and project specific modeling, where appropriate, to determine project emissions of NO_X, CO, PM_{10}, and $PM_{2.5}$. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard. LSTs are developed based upon the size or total area of the emissions source, the ambient air quality for each SRA in which the emission source is located, and the distance to the sensitive receptor.

The LST methodology presents mass emission rates for each SRA, project sizes of 1, 2, and 5 acres, and nearest receptor distances of 25, 50, 100, 200, and 500 meters. For project sizes between the values given, or with receptors at distances between the given receptors, the methodology uses the lower of the two thresholds in question. If receptors are within 25 meters of the site, the methodology document says that the threshold for the 25-meter distance should be used. The total project size is approximately 4.17 acres, and the SCAQMD recommends that construction LSTs be analyzed using the CalEEMod equipment list based on the maximum number of acres disturbed on the peak day.

Currently, LST analysis is done on a voluntary basis to determine whether or not a project may generate significant adverse localized air quality impacts. The LST methodology is described in Final Localized Significance Threshold Methodology and is based on LST tables published by SCAQMD (SCAQMD 2008c, 2009). For the project site, construction activities were estimated to disturb a maximum of 1 acre per day based on SCAQMD and CalEEMod methodology. Therefore, the 1-acre LST tables are used for determining construction impacts associated with the nearest sensitive receptors (Pacific Technology School and Vineyard Christian School) located approximately 120 feet north of the project site at 102 Baker Street.

3.1.3 GHG Emissions

Construction activities can alter the carbon cycle in many different ways. Construction equipment typically utilizes fossil fuels, which generates GHGs such as carbon dioxide, methane, and nitrous oxide. Methane may also be emitted during the fueling of heavy equipment. The raw materials used to construct new buildings can sequester carbon; however, demolition of structures can result in the gradual release of

the carbon stored in waste building materials as those materials decompose in landfills. Since the exact nature of the origin or make-up of the construction materials is unknown, construction-related emissions are typically based only on the operation of vehicles and equipment during construction.

Construction emissions were estimated using the CalEEMod Model in conjunction with the calculation of criteria pollutant emissions. Construction is a temporary source of emissions necessary to facilitate development of the proposed project. Although these emissions are temporary, they must be accounted for as the impact from the emissions of GHGs is cumulative. Based on current SCAQMD methodology, GHGs emitted during construction are amortized over an estimated 30-year project lifetime (SCAQMD 2008b). Assumptions and calculations are included in Appendix A and CalEEMod output is included in Appendix E.

3.2 OPERATIONAL EMISSIONS

3.2.1 Criteria Pollutant Emissions

Operational emissions associated with the proposed project were estimated using CalEEMod for area and mobile source emissions based on project specific information where appropriate. Assumptions and calculations are included in Appendix C and the CalEEMod worksheet results are provided in Appendix D.

Total project emissions are based on the operation of the 240 residential units, common space, and 207,350 sf parking garage. Emission factors used are the default CalEEMod factors associated with buildings in the Orange County area. Area source emissions are based on the number of dwelling units, and mobile emissions are based on the project specific traffic study (LLG 2013). Existing emissions for the project site are based on the anticipated emissions from the 62,000 sf office building that is currently operating at 74 percent capacity. The net project emissions are the difference between the proposed project emissions and the existing onsite emissions.

3.2.2 Localized CO Concentrations for Operation

The SCAQMD recommends the evaluation of CO concentrations at any intersections that would perform at a level of service (LOS) D or worse to determine if these roadways would result in an increase in local CO concentrations above the ambient air quality standards. For intersections with an unacceptable LOS (LOS D or worse), the use of CALINE4, a dispersion model for predicting CO concentrations at sensitive receptors near congested roadways and intersections, is recommended. For each intersection analyzed, CALINE4 calculates roadway-specific CO emissions calculated from peak hour turning volumes. These concentrations are added to ambient CO air concentrations and compared to the ambient air quality standards.

According to the project specific traffic study (LLG 2013), there is one intersection under existing conditions that operates at an LOS of F. However, with the implementation of project specific mitigation, all intersections will operate at an LOS of C or better even with the addition of project related traffic. Therefore, dispersion modeling of CO impacts was not conducted.

3.2.3 Localized Significance Thresholds for Operations

In addition to the daily air emissions thresholds established by SCAQMD, potential localized impacts for certain criteria pollutants with regard to project-related emissions are calculated using SCAQMD's LST methodology as described under Section 3.1.2 above.

The project site is just over 4 acres, therefore for operational emissions the 2 acre LST tables are used to determine significance. LSTs are based on onsite emissions only therefore all vehicle emission once the vehicle leaves the site is not part of the analysis. To determine onsite vehicle emissions, the distance a car could travel onsite was estimated from the Conceptual Site Plan taking into account the driveway and the 6 stories of the parking garage. The average distance that a vehicle will travel onsite is estimated at 0.5 miles. The analysis determines impacts from project implementation associated with the nearest sensitive receptors (Pacific Technology School and Vineyard Christian School) located approximately 120 feet north of the project site at 102 Baker Street.

3.2.4 Toxic Air Contaminants

The California ARB indicates that one of the highest public health priorities is the reduction of DPM generated by vehicles on California's highways, as it is one of the primary TACs. Other potential TAC sources within South Coast Air Basin are associated with specific types of facilities such as dry cleaners, gas stations, distribution centers, and ports, and are the focus of California ARB's control efforts. California ARB has made specific recommendations with respect to considering existing sensitive uses when siting new TAC-emitting facilities or with respect to TAC-emitting sources when siting sensitive receptors (California ARB 2005). California ARB has made specific recommendations with respect to siting new sensitive uses near existing TAC-emitting facilities. The California ARB's role is advisory and the recommendations for the following buffer zones do not establish regulatory standards or thresholds of significance. California ARB recommends that following buffer distances be observed when locating TAC emitters or sensitive land uses:

- Freeways or major roadways: 500 feet
- Dry cleaners: 500 feet
- Auto body repair services: 500 feet
- Gasoline dispensing stations with an annual throughput of less than 3.6 million gallons: 50 feet
- Gasoline dispensing stations with an annual throughput at or above 3.6 million gallons: 300 feet
- Other TAC sources including furniture manufacturing and repair services that use methylene chloride or other solvents identified as a TAC: 300 feet
- Distribution centers with more than 100 trucks per day; more than 40 trucks with operating transport refrigeration units per day; or where transport refrigeration unit operations exceed 300 hours per week: 1,000 feet
- Rail yards for major service and maintenance operations: 1,000 feet
- Chrome platers: 1,000 feet

- Port developments should not site the heavily impacted areas immediately upwind of sensitive land uses
- Petroleum refineries should not site the heavily impacted areas immediately upwind of sensitive land uses

Because of the District's concern about the potential public health impacts of siting sensitive populations within close proximity of freeways, District staff will continue to recommend that, prior to approving the project, lead agencies consider the impacts of air pollutants on people who will live in a new project and provide mitigation where necessary. While the California ARB buffer zones are not regulatory standards, the SCAQMD's 2012 AQMP identifies the 500 foot buffer from freeways as effective mitigation for reducing impacts from mobile source TACs. Therefore, residential projects that are located within 500 feet of a freeway or other high volume roadway have the potential to result in adverse health effects for project residents and should be evaluated to identify the level of risk and mitigate excessive risk as feasible.

The proposed project is not a new TAC emitter. However it is situated within 500 feet of an auto body repair service (Shawn Motor Facilities) and, it has the potential to expose onsite residents to emissions of DPM due to being situated within 500 feet of SR-55. Therefore, the TAC emissions analysis is limited to identifying the potential cancer and noncancer risk for new on-site residents from being located adjacent to SR-55, in an area of increased diesel truck traffic, and within 500 feet of the auto body repair facility. A health risk assessment (HRA) was conducted for the project.

An HRA provides an assessment of the potential risk posed to individuals that may be affected by exposure to a pollutant. The HRA translates a given rate of emissions from a particular source to a dose that an individual is exposed to based on various factors such as pathway (inhalation, ingestion, etc.), distance between the source and the individual, and length of exposure. The dose, depending on level and pollutant, has the potential to cause adverse health effects in the exposed individual. For TACs, the pathway having the greatest significance is atmospheric dispersion that leads to exposure through inhalation. Therefore this assessment is focused on health risks through inhalation.

Adverse health risks are discussed in terms of noncancer and cancer risks. Noncancer health risks can be measured quantitatively with the risk designated as a hazard quotient (HQ). The hazard quotient is the ratio of the calculated concentration to a threshold concentration which has been identified as having some level of adverse health affect.

Cancer risks have no set thresholds as carcinogens are considered to be non-threshold pollutants. This means that for any nonzero concentration of a carcinogen, there is an increased risk of developing cancer. Therefore, significance of exposure to a carcinogen is evaluated based on the increase in risk. The increased risk is determined by multiplying a calculated dose with the cancer potency factor and then by 1 million to express risk in the common term of the risk per million people. An HRA evaluates the increased cancer risk from the continuous exposure to a pollutant over a lifetime.

Consistent with SCAQMD recommendations, the Office of Environmental Health Hazard Assessment (OEHHA) methodology (OEHHA 2003) was used in determining the potential health risks associated with diesel emissions from local high volume roadways. Concentrations of DPM were estimated using

the AERMOD Dispersion Model. AERMOD requires meteorological, traffic, and vehicle emissions data. Meteorological data was obtained for the Costa Mesa monitoring station for 2005, 2006, 2007, 2008 and 2009 from the SCAQMD. The Costa Mesa monitoring station is the closest monitoring station to the project site for which the SCAQMD has AERMOD compatible meteorological data.

Risk calculations are based on a 70-year exposure duration for residential land uses. The risk calculations conservatively assume a person would be exposed to TAC concentrations for twenty-four hours per day over the exposure duration. The ARB, SCAQMD, and OEHHA assume an average 70-year life span and therefore use a 70-year exposure duration to calculate lifetime risk from the source.

Emission factors were determined for the proposed buildout year 2016 using the 2016 emission factor from EMFAC2011. Annual emissions are based on the average daily diesel traffic along each roadway segment. As indicated in the project specific traffic study (LLG 2013), average daily traffic for each roadway varies by direction and segment. Each roadway segment was entered separately in AERMOD and concentrations of DPM were determined by using project specific emission factors developed for each roadway segment. Detailed modeling inputs and assumptions used in the analysis are included in Appendix F. Emission factors used for determining project specific concentrations are specified in Table 2 (Emission Factors) in grams per second (g/s).

Table 2 Emission Factors

Roadway Segment	*Total Traffic*	*Diesel Traffic*	*g/s*
SR-55 between Mesa Dr and the SR-73.	179,967	4,522	7.81E-04
SR-55 between the SR-75 and the I-405	181,143	4,307	2.23E-03
SR-55 between the I-405 and McArthur Blvd	187,025	3,168	3.00E-04
SR-55 NB off-ramp to Baker St	8,310	223	2.95E-05
SR-55 NB on-ramp from Baker St	5,440	146	2.23E-05
Baker St east of SR-55	19,130	513	7.12E-05
Baker St west of SR-55	18,610	499	6.93E-05
Pullman St south of Baker St	4,560	122	1.19E-05
Briggs Ave east of Pullman St	520	14	6.79E-07

Shawn Motor Facilities is located at 250 Briggs Street, and is within 300 feet from the project site. The facility is permitted for the operation of a spray booth which results in VOC emissions that could impact the project site. Cancer risk for this facility was obtained through the SCAQMD. According to the SCAQMD, health risk assessments are not conducted for all facilities. However, based on the information provided in the permit application, the type and amount of chemicals used on-site, the health risk can be estimated using previous experience with similar types of emission sources. According to the SCAQMD, health risk for this facility is less than 1 in a million (Dabiri 2013).

Cancer Risk Calculations

The cancer risk from DPM exposure through inhalation is calculated from the annual average DPM concentrations. The following equation was used to determine the associated cancer risk (OEHHA 2003):

$$\text{Cancer Risk} = \text{Inhalation Dose (mg/kg-day)} * \text{Cancer Potency (kg-day/mg)} * (1 \times 10^6)$$

The Cancer Potency is the potential risk of developing cancer per unit of average daily dose over a 70-year residential lifetime. Cancer Potency for DPM is 1.1 kg-day/mg. The 1×10^6 is used to express the risk per million people. The inhalation dose for DPM was determined by the following equation:

$$\text{Dose} = (C * DBR * A * EF * ED * 10^{-6}) / AT$$

Where:

Dose = Dose through inhalation (mg/kg/day)

10^{-6} = Micrograms to milligram conversion and liters to cubic meters conversion

C = Concentration in air ($\mu g/m^3$) (from AERMOD dispersion model)

DBR = Daily Breathing Rate (L/kg bodyweight – day) (302 adult residential)

A = Inhalation absorption factor (1)

EF = Exposure frequency (350 days per year residential)

ED = Exposure duration (years) (70 for residential)

AT = Averaging time period over which exposure is averaged (days) (25,550 days)

Noncancer Risks Calculations

The noncancer risk (or Hazard Quotient) from DPM exposure through inhalation is calculated from the annual average DPM concentrations. The following equation is used to determine the associated Hazard Quotient (OEHHA 2003):

$$HQ = C / REL$$

Where:

HQ = Hazard Quotient: an expression of the potential for noncancer health effects associated with the substance being evaluated

C = Concentration in air ($\mu g/m^3$) (from AERMOD dispersion model)

REL = Reference exposure level; the concentration at which no adverse health effects are anticipated (5 $\mu g/m^3$ for DPM)

3.2.5 GHG Emissions

Operational emissions of GHGs are comprised of mobile source emissions and area source emissions. Mobile source emissions result from the net increase in motor vehicle trips to and from the proposed project site. Area source emissions result from electrical, water and natural gas consumption, landscape maintenance equipment, and solid waste and waste water generation. The following activities are typically

associated with the operation of residential land uses that will contribute to the generation of GHG emissions:

Vehicular trips. Vehicle trips generated by the proposed project would result in GHG emissions through combustion of fossil fuels. Carbon dioxide emissions were determined based on the trip rates provided in the traffic analysis and default CalEEMod trip length. Methane and nitrous oxide emissions were estimated using the total vehicle miles traveled as determined by CalEEMod and EPA emissions factors for on-road vehicles.

On-site use of natural gas and other fuels. Natural gas would be used by the proposed project for heating of residential space and water, resulting in a direct release of GHGs. The use of landscaping equipment would also result in on-site GHG emissions. Estimated emissions from the combustion of natural gas and other fuels is based on the number of dwelling units and is estimated based on the CalEEMod default emission factors for Orange County.

GHG emissions associated with building envelope energy use vary based on the size of structures, the type and extent of energy-efficiency measures incorporated into structural designs, and the type and size of equipment installed. Complete building envelope details could not be incorporated into the project inventory, as such information was not available at the time of the analysis. Therefore, it was assumed that the building envelopes would comply with the current minimal standards under Title 24.

Electricity use. Electricity is generated by a combination of methods, which include combustion of fossil fuels. By using electricity, the proposed project would contribute to the indirect emissions associated with electricity production. Estimated emissions from the consumption of electricity is based on the number of dwelling units and default CalEEMod electrical consumption rates. CalEEMod uses emission factors specific to Southern California Edison, the electricity provider for Costa Mesa.

Water use and wastewater generation. California's water conveyance system is energy-intensive, with electricity used to pump and treat water. The proposed project would contribute to indirect emissions by consuming water and generating wastewater. Estimated emissions from the consumption of potable water and the generation of wastewater is based on the number of dwelling units and the default water consumption rates in the CalEEMod model. The water consumption and wastewater generation equates to electricity used to pump and treat the water as well as fugitive emissions from the wastewater treatment process.

Solid waste. Disposal of organic waste in landfills can lead to the generation of methane, a potent greenhouse gas. By generating solid wastes, the proposed project would contribute to the emission of fugitive methane from landfills, as well as CO_2, CH_4, and N_2O from the operation of trash collection vehicles. Estimated emissions from the generation of solid waste is based on the number of dwelling units and waste generation rates as presented in the CalEEMod model.

CalEEMod does not take into account the water consumption reduction requirements under Title 24, or the California solid waste reduction requirements. The solid waste reduction requirement was applied as mitigation in the CalEEMod model but is not considered mitigation as it is a current standard. Therefore, in the CalEEMod output sheets the "mitigated" scenario actually represents the "unmitigated" project conditions. Water consumption reduction requirements cannot be calculated using CalEEMod due to an

error in the program. Therefore emission reductions were calculated subsequent to the CalEEMod modeling. Assumptions and calculations are included in Appendix C.

3.3 THRESHOLDS OF SIGNIFICANCE

The following thresholds of significance are based on 2013 CEQA Guidelines Appendix G. For purposes of this analysis, implementation of the proposed project may have a significant adverse impact on air quality or climate change if it would do any of the following:

- Conflict with or obstruct implementation of the applicable air quality plan
- Violate any air quality standard or contribute substantially to an existing or projected air quality violation
- Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)
- Expose sensitive receptors to substantial pollutant concentrations
- Create objectionable odors affecting a substantial number of people
- Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment
- Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases

The SCAQMD is principally responsible for comprehensive air pollution control in the South Coast Air Basin and recommends that projects should be evaluated in terms of air pollution control thresholds established by the SCAQMD and published in the *CEQA Air Quality Handbook, and updated on the SCAQMD website*. These thresholds were developed by the SCAQMD to provide quantifiable significance levels for comparison with projects. This analysis utilizes the SCAQMD's thresholds to evaluate the proposed development project and assess the significance of quantifiable impacts. The following quantifiable thresholds are currently recommended by the SCAQMD and have been used to determine the significance of air quality and climate change impacts associated with the proposed project.

Construction Emissions Thresholds

The SCAQMD currently recommends that projects with construction-related emissions that exceed any of the following emissions thresholds would be potentially significant.

- 550 pounds per day of carbon monoxide (CO)
- 75 pounds per day of reactive organic gases (VOC)
- 100 pounds per day of nitrogen oxides (NO_X)
- 150 pounds per day of sulfur oxides (SO_X)
- 150 pounds per day of Respirable Particulate Matter (PM_{10})
- 55 pounds per day of Fine Particulate Matter ($PM_{2.5}$)

Operational Emissions Thresholds

The SCAQMD currently recommends that projects with operational emissions that exceed any of the following emissions thresholds would be potentially significant.

- 550 pounds per day of CO
- 55 pounds per day of VOC
- 55 pounds per day of NO_X
- 150 pounds per day of SO_X
- 150 pounds per day of PM_{10}
- 55 pounds per day of $PM_{2.5}$

Localized Significance Thresholds

For the purposes of the construction LST analysis, maximum emissions were estimated using the emissions LST Screening Tables for 1 acre (the LST Screening Table provide emissions for project sites of 1, 2, and 5 acres). Because the site is between 2 and 5 acres, the operational LST analysis is based on the 2 acre LST Screening Tables.

The proposed project is located in SRA 18. The nearest existing sensitive land uses are the onsite residential uses for operational emissions (25 meters or less), and the day care and school located directly across Baker Street (approximately 120 feet (36 meters). The LSTs thresholds for 25 meters for construction and operational activities are shown below in Table 3 (Localized Significance Thresholds). If the proposed project would result in exceedance of the LSTs for any air pollutant as identified in Table 3, this would constitute a significant impact.

Table 3 Localized Significance Thresholds

Air Pollutant	*Thresholds of Significance at 25 meters for 1 Acre (Construction)*	*Thresholds of Significance at 25 Meters for 2 Acres (Operational)*
CO (lb/day)	647	962
NO_2 (lb/day)	92	131
PM_{10} (lb/day)	4	2
$PM_{2.5}$ (lb/day)	3	2

SOURCES: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013); South Coast Air Quality Management District, Historical Data by Year (2013), http://www.aqmd.gov/smog/historicaldata.htm (accessed July 25, 2013).

CO "Hotspots"

The SCAQMD has established the following threshold criteria to determine if a project has the potential to contribute to an exceedance of the state Ambient Air Quality Standards with respect to CO emissions from operational mobile sources:

- 20 ppm for 1 hour CO concentrations
- 9 ppm for 8 hour CO concentrations

Toxic Air Contaminants

Based on the methodology established by the Office of Environmental Health Hazard Assessment (OEHHA) and the SCAQMD, the following thresholds have been established to determine the maximum individual cancer risk (MICR), and hazard index (HI) for development of the proposed project.

- MICR—cancer risk of less than 10 in 1 million (< 10 x 10-6)
- HI—highest chronic health index of less than 1

Cumulative Impacts

In order to assess cumulative impacts, the SCAQMD recommends that projects be evaluated to determine whether they would be consistent with 2012 AQMP performance standards and project-specific emissions thresholds. In the case of the proposed project, air pollutant emissions would be considered to be cumulatively considerable if the new sources of emissions exceeded SCAQMD project specific emissions thresholds.

The exception to this is the evaluation of CO emissions and TACs. For CO emissions, the ambient air quality standards remains the significant threshold however, the impacts are based on cumulative area traffic at buildout rather than project specific traffic. For TAC's the risk from the individual sources are added together and compared to the following cumulative thresholds.

- MICR—cancer risk of less than 100 in 1 million (< 100 x 10-6)
- HI—highest chronic health index of less than 5

Global Climate Change

The 2013 CEQA Guidelines do not establish a threshold of significance for GHG impacts; instead lead agencies have the discretion to establish significance thresholds for their respective jurisdictions. A lead agency may look to thresholds developed by other public agencies or other expert entities, such as CAPCOA, so long as the threshold chosen is supported by substantial evidence. SCAG, SCAQMD, and the City of Costa Mesa have not adopted a GHG significance threshold applicable to the development of nonstationary source projects.

AB 32, the California Global Warming Solutions Act of 2006, requires that greenhouse gases emitted in California be reduced to 1990 levels by the year 2020. Because AB 32 addresses global climate change in California and is in concert with international efforts to address global climate change, AB 32 has specific requirements in it that fulfills the definition of a mitigation program found in CEQA Guidelines §15064(H)(3). The SCAQMD has proposed screening level thresholds for projects such that projects that fall below 3,000 MT CO_2e annually are considered to comply with the GHG emission reduction strategy as mandated by AB 32. Therefore, this analysis uses compliance with the 3,000 MT CO_2e annual screening level as a threshold in determining if the proposed project's contribution of GHGs is a considerable contribution to global warming impacts.

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CHAPTER 4 Environmental Impacts and Mitigation Measures

The construction and operational activities associated with the proposed project would expose occupants, and adjacent sensitive receptors to criteria pollutants, TACs and greenhouse gases. The following discussion provides an evaluation of the impacts anticipated from the implementation of the proposed project. The following analysis is formatted to be easily adapted to a CEQA environmental document.

4.1 AIR QUALITY

Threshold	Would the project conflict with or obstruct implementation of the applicable air quality plan?

Impact 1 **Implementation of the proposed project would not conflict with or obstruct implementation of the applicable air quality plan. This impact would be *less than significant*.**

The 2012 AQMP, discussed previously, was prepared to accommodate growth, to reduce the high levels of pollutants within the areas under the jurisdiction of SCAQMD, and to attain clean air within the region. Projects that are considered to be consistent with the AQMP would not interfere with attainment, because this growth is included in the projections used to formulate the AQMP. Therefore, projects, uses, and activities that are consistent with the applicable assumptions used in the development of the AQMP would not jeopardize attainment of the air quality levels identified in the AQMP, even if they exceed the SCAQMD's recommended daily emissions thresholds. The 2012 AQMP utilized projections of population and transportation activity forecasted by SCAG in their 2012 Regional Transportation Plan (RTP).

In 2008, Senate Bill 375 (SB 375) was enacted to reduce greenhouse gas emissions from automobiles and light trucks through integrated transportation, land use, housing and environmental planning. Under the law, SCAG was tasked with developing a Sustainable Communities Strategy (SCS), a newly required element of the Regional Transportation Plan RTP that provides a plan for meeting emissions reduction targets set forth by the California Air Resources Board (ARB). On September 23, 2010, ARB issued a regional 8 percent per capita reduction target for the planning year 2020, and a conditional target of 13 percent for 2035. As required by SB375, SCAG adopted the updated 2012–2035 RTP/SCS on April 8, 2012 to achieve these targets. Transportation strategies—managing transportation demand and making certain transportation system improvements—are major components of the 2012–2035 RTP/SCS. However, the 2012–2035 RTP/SCS also focuses on the general land use growth pattern for the region, because geographical relationships between land uses—including density and intensity—help determine the need for travel. SCAG has placed a greater emphasis on sustainability and integrated planning in the 2012–2035 RTP/SCS, whose vision encompasses three principles: mobility, economy, and sustainability. In June 2012, California ARB determined that SCAG's 2012–2035 RTP/SCS was consistent with their greenhouse gas reduction targets.

The 2012–2035 RTP/SCS provides population, housing, and employment growth forecasts through 2035. In general, the proposed project would be consistent with the types, intensity, and patterns of land use anticipated in the 2012–2035 RTP/SCS. For purposes of using the most current available data, the 2012–2035 RTP/SCS data will be used in this analysis.

Implementation of the proposed project would introduce new residential housing that would directly induce population growth within the project area; however, this increase in population is consistent with the policies of the City's General Plan. In 2012, the population of Costa Mesa was approximately 111,918 persons (USDOC 2013). The proposed project would replace existing commercial uses on the project site with a residential development. The proposed project includes the development of up to 240 residential units. Based on Costa Mesa's average household size, the proposed project is projected to generate a maximum residential population of approximately 346. The project's direct increase in population would represent only 0.31 percent of the existing city's population. The project's population growth would represent 0.28 percent of the forecasted 2020 population of 124,692 for the city (SCAG 2008).

As such, the anticipated population of the proposed project would be within SCAG's 2020 population projections, and would not exceed SCAG's population projections for the City. Therefore, the proposed project would be consistent with the 2012-2035 RTP/SCS population growth projections which were approved by ARB. Because the SCAQMD is expected to incorporate these same projections into its next update of the AQMP, it can be concluded that the proposed project would be consistent with the projections in the AQMP. Additionally, the population and household growth that would occur with the proposed project would not cause an exceedance of Costa Mesa General Plan growth projections.

Based on the consistency of the approved General Plan with current SCAG projections and AQMP forecasts, and as discussed above, the proposed project would not conflict with or obstruct implementation of the AQMP, and this impact would be ***less than significant***. No mitigation measures are required.

Threshold	Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Impact 2 **Construction of the proposed project would exceed an air quality threshold and contribute substantially to an existing or projected air quality violation. This would be a potentially significant impact. Implementation of mitigation would reduce this impact to a less-than-significant level. Therefore, this impact would be *less-than-significant*.**

Construction of the proposed project would require demolition of the existing approximately 62,000 sf office building at the project site, removal of all parking areas, and removal of the limited on-site vegetation. Project construction is assumed to begin in early 2014, with construction expected to last up to 21 Months. Limited grading activities are anticipated with an onsite balance of all materials. Detailed assumptions and CalEEMod inputs are included in Appendix A; the CalEEMod output is included as Appendix B.

Because of the construction time frame and the normal day-to-day variability in construction activities, it is difficult, if not impossible, to precisely quantify the daily emissions associated with each phase of the proposed construction activities. Nonetheless, Table 4 (Estimated Peak Daily Construction Emissions in Pounds per Day, without Mitigation) identifies daily construction emissions without mitigation or fugitive dust controls required by SCAQMD's Rule 403. These tables show that, without mitigation, construction of the proposed project would exceed SCAQMD thresholds for VOCs.

Table 4 Estimated Peak Daily Construction Emissions in Pounds per Day, without Mitigation

Emissions Source	*Peak Day Emissions in Pounds per Day*					
	VOC	*NO_X*	*CO*	*SO_X*	*PM_{10}*	*$PM_{2.5}$*
Demolition	8.80	69.61	43.98	0.08	11.69	3.38
Grading	6.07	45.75	31.05	0.05	8.94	5.8
Building	7.09	42.49	44.62	0.09	6.98	2.62
Architectural Coating	81.83	2.86	4.69	0.01	1.04	0.28
Maximum Daily Emissions	***81.83***	***69.61***	***44.62***	***0.09***	***11.69***	***5.8***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	**Yes**	No	No	No	No	No

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013) (calculation sheets are provided in Appendix A).

Mitigation measures are required to reduce VOC emissions to below the SCAQMD's LST threshold. The following mitigation measures shall be implemented (and complied with prior to issuance of any grading permit) as part of the proposed project to improve air quality emissions generated by construction activities associated with the proposed project.

MM-1 *The Applicant shall require by contract specifications that construction equipment engines be maintained in good condition and in proper tune per manufacturer's specification for the duration of construction. Contract specifications shall be included in project construction documents, which shall be reviewed by the City of Costa Mesa prior to issuance of a grading permit.*

MM-2 *The Applicant shall require by contract specifications that construction operations rely on the electricity infrastructure surrounding the construction site rather than electrical generators powered by internal combustion engines. Contract specifications shall be included in project construction documents, which shall be reviewed by the City of Costa Mesa prior to issuance of a grading permit.*

MM-3 *As required by South Coast Air Quality Management District Rule 403—Fugitive Dust, all construction activities that are capable of generating fugitive dust are required to implement dust control measures during each phase of project development to reduce the amount of particulate matter entrained in the ambient air. These measures include the following:*

- *Application of soil stabilizers to inactive construction areas*
- *Quick replacement of ground cover in disturbed areas. If disturbed graded areas remain inactive for greater than four days, nontoxic soil stabilizers shall be applied.*
- *Watering of exposed surfaces two times daily*

- *Watering of all unpaved haul roads two times daily*
- *Covering all stock piles with tarp*
- *Reduction of vehicle speed on unpaved roads*
- *Post signs on site limiting traffic to 15 miles per hour or less*
- *Sweep streets adjacent to the project site at the end of the day if visible soil material is carried over to adjacent roads*
- *Cover or have water applied to the exposed surface of all trucks hauling dirt, sand, soil, or other loose materials prior to leaving the site to prevent dust from impacting the surrounding areas*
- *Install wheel washers where vehicles enter and exit unpaved roads onto paved roads to wash off trucks and any equipment leaving the site each trip*

MM-4 *The Applicant shall require by contract specifications that construction-related equipment, including heavy-duty equipment, motor vehicles, and portable equipment, shall be turned off when not in use for more than 5 minutes. Diesel-fueled commercial motor vehicles with gross vehicular weight ratings of greater than 10,000 pounds shall be turned off when not in use for more than 5 minutes. Contract specifications shall be included in the proposed project construction documents, which shall be approved by the City of Costa Mesa.*

MM-5 *The Applicant shall require by contract specifications that the architectural coating (paint and primer) products used have a VOC rating of 190 grams per liter or less, for all exterior and interior nonresidential land use architectural coating. As per SCAQMD regulations, architectural coating for residential land-uses shall not exceed 50 g/liter interior or 100 g/liter exterior. Contract specifications shall be included in the proposed project construction documents, which shall be approved by the City of Costa Mesa.*

Table 5 (Estimated Peak Daily Construction Emissions in Pounds per Day (With Mitigation)) identifies daily emissions that are estimated to occur on peak construction days for each activity with incorporation of the identified mitigation measures.

Table 5 Estimated Peak Daily Construction Emissions in Pounds per Day, with Mitigation

Emissions Source	*Peak Day Emissions in Pounds per Day*					
	VOC	*NO_X*	*CO*	*SO_X*	*PM_{10}[a]*	*$PM_{2.5}$[a]*
Demolition	5.80	38.21	43.66	0.08	9.25	2.02
Grading	4.00	24.94	30.89	0.05	3.44	2.35
Building	5.90	30.96	46.36	0.09	6.30	1.94
Architectural Coating	67.27	1.77	4.62	0.01	0.93	1.91
Maximum Daily Emissions	***67.27***	***38.21***	***46.36***	***0.09***	***9.25***	***2.35***
SCAQMD Thresholds	**75**	**100**	**550**	**150**	**150**	**55**
Significant Impact?	No	No	No	No	No	No

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013) (calculation sheets are provided in Appendix A).

Mitigation measures MM-1 through MM-5 would ensure that all emissions are reduced to below significance thresholds. Therefore, construction impacts of the proposed project would be ***less-than-significant***.

Impact 3 **Operation of the proposed project would not violate any air quality standard or contribute substantially to an existing or projected air quality violation. This impact would be *less than significant*.**

Operational emissions generated by both stationary and mobile sources would result from normal day-to-day activities after build-out of the proposed project. Stationary area source emissions would be generated by space and water heating devices, and the operation of landscape maintenance equipment. Mobile emissions would be generated by the motor vehicles traveling to and from the project site.

The analysis of daily operational emissions from the proposed project was prepared utilizing the CalEEMod computer model recommended by the SCAQMD. The results of the CalEEMod calculations for the daily operational emissions of the proposed project are presented in Table 6 (Proposed Project Net Daily Operational Emissions) (refer to Appendix C for assumptions and modeling inputs and Appendix D for CalEEMod outputs). The emissions shown below in Table 6 reflect the net increase in emissions anticipated from implementation of the proposed project.

The proposed project's daily operational emissions are below the SCAQMD thresholds for all criteria pollutants; therefore, this impact is considered ***less than significant***, and no mitigation is required.

Threshold	Would the project expose sensitive receptors to substantial pollutant concentrations?

Impact 4 **Implementation of the proposed project would generate increased local traffic volumes, but would not cause localized CO concentrations at nearby intersections to exceed national or state standards. This impact would be *less than significant*.**

Project-generated traffic could contribute to decreased levels of service at nearby intersections, resulting in additional vehicle emissions and longer vehicle idling times at and near study area intersections. According to the SCAQMD's methodology, intersections that operate a level D or worse should be evaluated to determine the local impacts to nearby receptors. According to the project specific traffic study (LLG 2013), with the implementation of the project one intersection would operate at an unacceptable LOS. The intersection at Pullman Street and Baker Street would operate at an LOS of F at the buildout of the project. The traffic study indicates that as part of the project a signal would be installed at this intersection. Subsequent to the installation of the traffic signal, the intersection will operate at an LOS of A. This is an improvement over the existing LOS of D/F for AM/PM peak hours of operation. Because none of the remaining intersections operate at an LOS worse than C, and with the implementation of mitigation, the Pullman Street and Baker Street intersection will operate at an improved LOS, the implementation of the proposed project would not result in localized CO concentrations exceeding state or federal standards. This impact would be reduced to ***less than significant***.

Table 6 Proposed Project Net Daily Operational Emissions

Emissions Source	*Emissions in Pounds per Day*[a]					
	VOC	*NO_X*	*CO*	*SO_X*	*PM_{10}*	*$PM_{2.5}$*
Project						
Area	10.8	0.24	20.32	0.00	0.11	0.11
Energy	0.13	1.14	0.49	0.01	0.09	0.09
Mobile	8.01	15.14	74.34	0.16	18.29	1.30
Total	***18.94***	***16.52***	***95.15***	***0.17***	***18.49***	***1.50***
Existing						
Area	1.62	0.00	0.00	0.00	00	0.00
Energy	0.02	0.16	0.13	0.00	0.01	0.01
Mobile	2.89	5.78	28.05	0.05	5.56	0.4
Total	***4.53***	***5.94***	***28.18***	***0.05***	***5.57***	***0.41***
Net Emissions						
Area Source	9.18	0.24	20.32	0.00	0.11	0.11
On-Site Energy Use	0.11	0.98	0.36	0.01	0.08	0.08
Motor Vehicles	5.12	9.36	46.29	0.11	12.73	0.9
Maximum Daily Emissions	***14.41***	***10.58***	***66.97***	***0.12***	***12.92***	***1.09***
SCAQMD Thresholds (lb/day)	**55**	**55**	**550**	**150**	**150**	**55**
Significant Impact?	No	No	No	No	No	No

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013) (calculation sheets are provided in Appendix C).

a. Assumes no wood or natural gas fireplaces.

Impact 5 **Construction and operation of the proposed project would expose sensitive receptors to Toxic Air Contaminants (TACs) that exceed SCAQMD significance thresholds. However, with mitigation emissions can be reduced to below significance thresholds. Therefore, the impact would be *less than significant* with mitigation.**

Diesel particulate matter, a carcinogen, is also a component of exhaust. However, construction activities associated with the project would be short-term in nature. Estimation of the cancer risk from diesel particulate matter assumes long-term exposure to the pollutant. Therefore, the health risk from air pollutants generated during project construction is anticipated to be less than significant.

The California ARB indicates that one of the highest public health priorities is the reduction of DPM generated by vehicles on California's highways, as it is one of the primary TACs. California ARB recommends that sensitive land uses not be located within 500 feet of a freeway or high-volume roadway consisting of urban roads of 100,000 vehicles per day or more, or that site-specific health risk assessments be performed when siting sensitive land uses within that buffer. The proposed project is located within an industrial area and is adjacent to SR-55; therefore, it would fall within the buffer zone

and is subjected to increased diesel truck traffic from its location to freeway on- and off-ramps and proximity to industrial land-uses that result in an increase in diesel truck traffic.

Other potential TAC generators are associated with specific types of facilities such as dry cleaners, gas stations, warehouses, and chrome plating facilities, and are the focus of California ARB's control efforts. The study area, within 1,500 feet of the project site was searched to determine all SCAQMD permitted sources of TAC's and potential warehouse spaces. No warehouses were identified within 1,500 feet of the proposed project. The SCAQMD's FINDs database identified eight permitted facilities within this buffer zone (SCAQMD n.d.). Based on the type of facility, only one of the facilities was located within the California ARB recommended buffer zones. The Shawn Motor Facility is located within 300 feet of the proposed project and is listed as an auto body repair facility. The facility operates a permitted spray booth and, as indicated in the methodology section above, is anticipated to have a potential risk to onsite receptors of less than 1 in a million. Because this site is below the 10 in a million threshold, it is considered not to have a significant impact on receptors at the project site.

The project as a residential land use would not result in the emission of TACs that are likely to result in risk to neighboring sensitive land uses. Because of the nature of the project and its location, the project would have the potential only to result in impacts from TAC exposure to the onsite residents. Therefore, the TAC analysis focuses on the potential cancer and noncancer health risks to onsite residents from the proximity to the SR-55 and increased diesel vehicles on the surrounding roadways.

Cancer Risk

The cancer risk for DPM is determined, as detailed in Section 3.2.4 above, by the dose multiplied by the cancer potency factor and then converted to risk per million people. The concentration results based on the AERMOD dispersion modeling were converted to dosage before a final cancer risk was determined. Based on the modeling output, the highest concentration of DPM observed within the project site was 0.074 $\mu g/m^3$.

Table 7 (Unmitigated Cancer Risk) shows the potential cancer risk associated with the proposed project's proximity to the area mobile sources for all fifteen discrete on-site receptor locations evaluated. As shown, the potential cancer risks from DPM ranges from 12.22 to 23.73 for the ground level discrete receptors. Cancer risk exceeds the 10 in a million threshold at all discrete receptor locations. Therefore, unmitigated risk at the proposed project site represents a potentially significant impact. Figure 2 (Receptor Locations) shows the receptor locations for the project site. Cancer risk assumptions and calculations for all scenarios are included as Appendix F and modeling output is included as Appendix G.

Noncancer Risk

The hazard quotient for DPM is determined, as detailed in Section 3.2.4 above, by dividing the concentration in $\mu g/m^3$ by the reference exposure level for the air toxic of concern. Table 8 (Unmitigated Noncancer Risk) shows the potential noncancer risk associated the proposed project's proximity to the area mobile sources for all 15 discrete on-site receptor locations evaluated. Figure 2 shows the receptor locations. Noncancer risk calculations are included as Appendix F. As shown, the potential noncancer risks from DPM ranges from 0.0077 to 0.0149. Even with the conservative exposure estimates presented, the maximum increase in noncancer risk of 0.0149 is below the SCAQMD's threshold of 1.

Table 7	**Unmitigated Cancer Risk**				
Receptor #	***Cancer Risk (per million)***				
	Risk	***Receptor #***	***Risk***	***Receptor #***	***Risk***
R_1	20.16	R_6	15.56	R_11	20.42
R_2	16.07	R_7	14.37	R_12	16.17
R_3	14.00	R_8	12.22	R_13	20.89
R_4	18.11	R_9	22.28	R_M1	23.73
R_5	20.21	R_10	14.93	R_M2	23.30

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013).
* R_M1 and R_M2 represent the highest and second highest on-site cancer risk locations within the areas likely to be occupied for extended periods of time.

Table 8	**Unmitigated Noncancer Risk**				
Receptor #	***Noncancer Risk***				
	Risk	***Receptor #***	***Risk***	***Receptor #***	***Risk***
R_1	0.012671	R_6	0.009769	R_11	0.012823
R_2	0.010090	R_7	0.009020	R_12	0.010150
R_3	0.008792	R_8	0.007674	R_13	0.013118
R_4	0.011373	R_9	0.013990	R_M1	0.014900
R_5	0.012689	R_10	0.009371	R_M2	0.014632

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013).
* R_M1 and R_M2 represent the highest and second highest on-site cancer risk locations within the areas likely to be occupied for extended periods of time.

Mitigation Measures

Table 7 indicates that the lifetime cancer risk at all of the discrete receptors modeled exceed the significance threshold of 10 in a million. Implementation of the following mitigation measure within these affected areas would reduce the impacts to the exposed sensitive receptors.

MM-6 *Install a sealed HVAC system in conjunction with MERVE 13*[4] *or higher rated filters for all residential development within the project site. The sealed air system will be designed so that all ambient air introduced into the interior living space would be filtered through MERVE 13 or higher rated filters to remove diesel particulate matter (DPM) and other particulate matter. The MERVE 13 or higher rated filter is designed to remove approximately 74 percent of particulates of 3 microns or larger in size from the ambient air that is introduced to the system (NAFA 1999). As a conservative estimate of reductions, it is assumed that the residents are indoors up to 78 percent of the time (USDOL 2010). Therefore, a reduction of 58.75 percent of particulate matter is anticipated with respect to this measure.*

[4] Filters with less than a MERVE 13 rating are ineffective at removing ultrafine particles which make up 90 percent of particulate matter from diesel fuels.

Source: Google Earth Pro, basemap, 2013; Atkins 2013.

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Figure 2
Receptor Locations

ATKINS

MM-7 *Install all HVAC system air intakes as far from SR-55 as possible. This will further reduce risk for all interior spaces to the risk where the HVAC air intake is placed.*

Table 9 (Mitigated Cancer Risk) show the reduced cancer risk for the all discrete receptors with the incorporation of the sealed HVAC system equipped with a MERVE 13 rated filter. Implementation of this reduction measure reduces all risk to below the regulatory threshold and therefore the proposed project's health risk would be reduced to ***less-than-significant*** levels.

Table 9 Mitigated Cancer Risk

Receptor #	Cancer Risk (per million)				
	Risk	Receptor #	Risk	Receptor #	Risk
R_1	8.48	R_6	6.54	R_11	8.59
R_2	6.76	R_7	6.04	R_12	6.80
R_3	5.89	R_8	5.14	R_13	8.78
R_4	7.61	R_9	9.37	R_M1	9.98
R_5	8.49	R_10	6.27	R_M2	9.80

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013).
* R_M1 and R_M2 represent the highest and second highest on-site cancer risk locations within the areas likely to be occupied for extended periods of time.

Impact 6 **Construction of the proposed project could expose sensitive receptors to substantial pollutant concentrations. This is a potentially significant impact. Implementation of mitigation measures MM-1 through MM-5 would reduce this impact to *less than significant*.**

As described above under Impact 2, the emissions from construction activities for the proposed project were estimated using the CalEEMod emissions model. To determine potential criteria pollutant concentrations during construction activities, the SCAQMD has developed LSTs to determine maximum allowable concentrations for projects 5 acres or less in total area for on-site emissions CO, NO_2, PM_{10}, and $PM_{2.5}$ (off-site emissions would be generated from soil and debris hauling, vender and worker trips along area roadways, and would not be considered localized, and are therefore not evaluated for LST emissions).

The total project size is approximately 4 acres, and the SCAQMD recommends that LSTs be analyzed using the CalEEMod equipment list based on the maximum amount of maximum number of acres disturbed on the peak day. Accordingly, the construction equipment list estimates approximately 1 acre would be disturbed per day. Therefore, to present a conservative analysis and for the purposes of the LST analysis, maximum emissions were estimated using the emissions LST Screening Tables for 1 acres.

Table 10 (Total On-Site Construction Emissions and Localized Significance Thresholds [With Mitigation]) shows that with implementation of mitigation measures MM-1 through MM-4, emissions of PM_{10} and $PM_{2.5}$ would be reduced to levels below the SCAQMD thresholds for LSTs. Therefore, while construction of the proposed project would create short-term quantities of criteria pollutants above SCAQMD's significance thresholds, implementation of the identified mitigation measures would reduce this impact to ***less than significant***. The analysis assumes that the building, grading, and demolition

phases would not overlap with each other, however building and architectural coating phases could occur at the same time.

Table 10 Total On-Site Construction Emissions and Localized Significance Thresholds, with Mitigation

Distance	*CO (lb/day)*	*NO_2 (lb/day)*	*PM_{10} (lb/day)*	*$PM_{2.5}$ (lb/day)*
Peak Daily On-Site Emissions	40.71	34.78	3.2	2.33
Allowable emissions at 25 meters	647	92	4	3
Exceed Allowable emissions?	No	No	No	No

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013).

Impact 7 **Operation of the proposed project could expose sensitive receptors to substantial pollutant concentrations, however not to the extent where significance thresholds are exceeded. Therefore, this is a *less than significant* impact.**

As described above under Impacts 3, the emissions from operational activities for the proposed project were estimated using the CalEEMod emissions model. Operational emissions are shown in Table 6. To determine potential criteria pollutant concentrations during operational activities, the SCAQMD has developed LSTs to determine maximum allowable concentrations for projects 5 acres or less in total area for on-site emissions CO, NO_2, PM_{10}, and $PM_{2.5}$. The total project size is approximately 4 acres, and the SCAQMD recommends that LSTs be analyzed based on the operational size of the project. As a conservative estimate, the operational emissions for LSTs would be compared to the 2 acre LST tables. As shown in Table 11 (Total On-Site Operational Emissions and Localized Significance), with the implementation of the project none of the significant thresholds would be exceeded. Therefore impacts would be ***less than significant*** with respect to impacts on local receptors.

Table 11 Total On-Site Operational Emissions and Localized Significance

Distance	*CO (lb/day)*	*NO_2 (lb/day)*	*PM_{10} (lb/day)*	*$PM_{2.5}$ (lb/day)*
Area	0.24	20.32	0.11	0.11
Energy	1.14	0.49	0.09	0.09
Mobile	0.73	3.61	0.89	0.06
Total Peak Daily Operational Emissions	***2.11***	***24.42***	***1.09***	***0.26***
Allowable Emissions	**131**	**962**	**2**	**2**
Exceed Allowable emissions?	No	No	No	No

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013).

Threshold	Would the proposed project create objectionable odors affecting a substantial number of people?

Impact 8 **Implementation of the proposed project would not create objectionable odors affecting a substantial number of people. This impact would be *less than significant*.**

The proposed project does not propose uses that are significant sources of objectionable odors. Potential sources of odor associated with the proposed project may result from construction equipment exhaust and application of asphalt and architectural coatings during construction activities. SCAQMD Rule 402 (Nuisance) requirements would be imposed upon the Applicant to minimize odors from construction, which would include keeping the construction equipment maintained in good condition and proper tune to reduce noxious odors from DPM. Any construction-related odor emissions would be temporary, short-term, and intermittent in nature, and impacts associated with construction-generated odors are expected to be less than significant. In addition, during operation of the project, odors may result from the temporary storage of typical household solid waste (refuse) associated with residential (long-term operational) uses. However, it is expected that any project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with the City's solid waste regulations. Therefore, odors associated with construction and operation of the proposed project would be ***less than significant***. No mitigation is required.

4.2 CUMULATIVE IMPACTS

Threshold	Would the proposed project conflict with or obstruct implementation of the applicable air quality plan?

Impact 9 **Implementation of the proposed project, in conjunction with regional development, would not conflict with or obstruct implementation of the applicable air quality plan. This cumulative impact would be *less than significant*.**

As discussed under Impact 1, growth considered to be inconsistent with the AQMP could interfere with attainment of federal or state ambient air quality standards because this growth is not included in the projections utilized in the formulation of the AQMP. Consequently, as long as growth in the Basin is within the projections for growth identified in the 2012–2035 RTP/SCS, implementation of the AQMP would not be obstructed by such growth. Should projections exceed the anticipated growth forecasts of the RTP/SCS, impacts with respect to AQMP consistency would occur. However, as noted above, growth under the proposed project would be consistent with the overall growth assumptions of the City of Costa Mesa, and is also consistent with the 2012–2035 RTP/SCS (refer to Impact 1). The proposed project, with respect to potential conflicts with the AQMP, would not represent a cumulatively considerable contribution and the cumulative impact would be ***less than significant***.

Threshold	Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?

Impact 10 **Construction of the proposed project would result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors). This would be a potentially significant impact. Implementation of mitigation measures would reduce this impact to a less-than-significant level. Therefore, this impact would be *less than significant*.**

A significant impact may occur if a project would add a cumulatively considerable contribution of a federal or state nonattainment pollutant. Because the Basin is currently in nonattainment for ozone (for which VOC and NO_X are precursors) and PM_{10} under national and state standards, and is in nonattainment for CO under national standards, projects could cumulatively exceed an air quality standard or contribute to an existing or projected air quality exceedance. With regard to determining the significance of the proposed project's contribution, the SCAQMD neither recommends quantified analyses of cumulative construction or operational emissions nor provides separate methodologies or thresholds of significance to be used to assess cumulative construction or operational impacts. Instead, the SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed using the same significance criteria as those for project-specific impacts; that is, individual development projects that generate construction-related or operational emissions that exceed the SCAQMD-recommended daily thresholds for project-specific impacts would also cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in nonattainment.

As discussed previously under Impact 2, construction of the proposed project would exceed SCAQMD's recommended thresholds of significance for VOC emissions prior to mitigation and would result in short-term air quality impacts; thus, the impact of constructing the proposed project on air quality is anticipated to be significant. As described above, implementation of mitigation measures MM-1 through MM-5 would reduce emissions from construction to below threshold levels. Therefore, construction emissions from the proposed project would not be cumulatively considerable. This impact is ***less than significant***.

Impact 11 **Operation of the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors). This impact would be *less than significant*.**

As discussed previously under Impact 3, operation of the proposed project would not exceed SCAQMD's recommended thresholds of significance for criteria pollutant emissions; thus, operation impacts of the proposed project on air quality is anticipated to be less than significant. Therefore, the emissions generated by operation of the proposed project would not be considered to be cumulatively

considerable and would not constitute a substantial contribution to an existing or projected air quality violation during operation. As described above under Impact 3, the proposed project's daily operational emissions are below the SCAQMD thresholds for all criteria pollutants; therefore, this impact is considered ***less than significant***.

Threshold	Would the proposed project expose sensitive receptors to substantial pollutant concentrations?

Impact 12 **Implementation of the proposed project would contribute to a cumulative increase in local traffic volumes, but would not cause a cumulatively considerable localized CO concentrations at nearby intersections to exceed national or state standards. This cumulative impact would be *less than significant*.**

Project-generated and cumulative traffic could contribute to decreased levels of service at nearby intersections, resulting in additional vehicle emissions and longer vehicle idling times at and near study area intersections. These circumstances could lead to CO hot spots that may affect adjacent sensitive receptors. As with the Approval Year analysis, the intersection at Pullman Street and Baker Street would operate at an LOS of F at the buildout of the project. The traffic study indicates that as part of the project a signal would be installed at this intersection. Subsequent to the installation of the traffic signal, the intersection will operate at an LOS of A. This is an improvement over the existing LOS of D/F for AM/PM peak hours of operation.

In addition, the traffic analysis indicates that under the General Plan Buildout conditions, both the Pullman Street and Baker Street and Red Hill Avenue at Baker Street would result in unacceptable LOS levels. However, with the implementation of recommended mitigation, the signal at Pullman and Baker Street and a south bound turn lane at Red Hill avenue and Baker Street, these intersections would operate at an LOS of A/A (AM/PM) and B/C (AM/PM) respectively. Because none of the remaining intersections operate at an LOS worse than C, and with the implementation of mitigation, these intersections will operate at an improved LOS, the implementation of the proposed project would not result in localized CO concentrations exceeding state or federal standards. This impact would be reduced to ***less than significant***.

Impact 13 **Operation of the proposed project would expose sensitive receptors to Toxic Air Contaminants (TACs) that exceed SCAQMD significance thresholds. However, with mitigation emissions can be reduced to below significance thresholds. Therefore, the impact would be *less than significant* with mitigation.**

From a cumulative standpoint the SCAQMD indentifies significant health risk as a combined risk of greater than 100 in a million for all stationary and mobile sources within the California ARB buffer zones. As discussed in Impact 5, only mobile sources and the existing Shawn Motors Facility are potential risk for the proposed project. As shown in Table 7, the maximum risk from unmitigated offsite mobile source is 23.73 in a million and the maximum risk from Shawn Motors Facility is less than 1 in a million (rounded to 0.99 for computational purposes). Therefore the total combined risk for the mobile and off-site stationary source would be 24.72 in a million which is less than the 100 in a million threshold

established by the SCAQMD. With the inclusion of mitigation, this total risk would be reduced to 10.97. With respect to noncancer risk, total emissions would be 0.0149. Even with Shawn Motors resulting in a 0.99 risk, the impact to the proposed project from offsite risk would be 1.049 which is less than the threshold of 5. Because all cancer and noncancer health risk is less than significant the project would be less than cumulatively considerable. Impacts are ***less than significant***.

Threshold	Would the proposed project create objectionable odors affecting a substantial number of people?

Impact 14 **Implementation of the proposed project, in conjunction with other nearby development, would not create objectionable odors affecting a substantial number of people. This cumulative impact would be *less than significant*.**

The relevant geographic area for cumulative odor impacts is the immediate project vicinity.

Odors resulting from the construction of future projects are not likely to affect a substantial number of people, due to the fact that construction activities do not usually emit offensive odors. As discussed under Impact 8, although construction activities occurring in association with the proposed project could generate airborne odors associated with the operation of construction vehicles (e.g., diesel exhaust) and the application of interior and exterior architectural coatings, these emissions would only occur during daytime hours and would generally be restricted to the immediate vicinity of the construction site and activity. Furthermore, any related project that may have a potential to generate objectionable odors would be required by SCAQMD Rule 402 (Nuisance) to limit potential objectionable odor impacts to a less-than-significant level. Odors from construction activities would not affect a substantial number of people.

With regard to operation, the odor impacts resulting from the development of residential projects are not expected to affect a substantial amount of people, as activities typically associated with these uses do not emit offensive odors and solid waste from these projects would be stored in special areas and in containers. Because a less-than-significant cumulative impact would occur with respect to objectionable odors, and the proposed project would not result in objectionable odors that would affect a substantial number of people, the cumulative impact of the proposed project would also be ***less than significant***.

4.3 CLIMATE CHANGE

Threshold	Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Impact 15 **Implementation of the proposed project would generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment. However, emissions would not exceed the established thresholds, and this impact would be *less than significant*.**

Development of the proposed project would generate greenhouse gases through the construction and operation of new residential and commercial uses. As climate change is a cumulative impact, the construction and operational emissions are combined and analyzed against the threshold.

Construction

Emissions from construction activities would occur from the operation of vehicles and equipment used in demolition of existing buildings and construction of the proposed project. Following the SCAQMD recommendations (see Analytic Method), construction emissions were amortized over an anticipated 30-year structure lifetime to provide an average annual emissions estimate. As indicated in Table 12 (Estimated Annual Emissions), the estimated unmitigated construction GHG emissions for the proposed project would be 44.09 MT CO_2e per year. Detailed assumptions and emission calculations are included in Appendices A and F.

Operation

Greenhouse gas emissions from the proposed project would specifically arise from sources associated with project operation, including direct sources such as motor vehicles, and natural gas consumption, and indirect sources such as solid waste handling and treatment and electricity generation. Emissions from these operational sources are estimated and presented below.

Table 12 shows the estimated GHG emissions for the construction and operation of the proposed project at build-out year conditions, respectively, with the incorporation of all state policies. Detailed assumptions and emission calculations are included in Appendices C and F.

As shown in Table 12, the proposed project would result in a net total of 1,885.78 MT CO_2e per year. Therefore, implementation of the proposed project would not result in GHG emissions above the 3,000 MT CO_2e per year screening level threshold, and impacts would be considered ***less than significant***.

Threshold	Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Impact 16 **Construction and operation of the proposed project would not conflict with applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases. This impact would be *less than significant*.**

The SCAQMD does not have established significance criteria for assessing impacts from GHG emissions other than compliance with AB 32. One way to determine compliance with AB 32 is to demonstrate project compliance with an adopted climate action plan or emissions reduction strategy for the region in which the project is located. While there are no adopted climate action plans that govern the proposed project, the project has demonstrated that emissions would be minimal and below the 3,000 MT CO_2 screening level identified for ensuring regional compliance with AB 32 goals. Therefore, this impact is considered ***less than significant***.

Table 12 Estimated Annual Emissions				
	CO_2	CH_4	N_2O	CO_2e
Project				
Area	5.79	0.01	0.00	5.91
Energy	488.21	0.02	0.01	491.23
Mobile	2,299.60	0.09	0.00	2,301.59
Waste	11.21	0.66	0.00	25.11
Water	73.01	0.39	0.01	84.42
Total	***2,877.82***	***1.17***	***0.02***	***2,908.26***
Existing				
Area	0.00	0.00	0.00	0.00
Energy	231.93	0.01	0.01	233.38
Mobile	758.55	0.03	0.00	759.21
Waste	8.66	0.51	0.00	19.41
Water	47.12	0.25	0.01	54.56
Total	***1,046.26***	***0.80***	***0.01***	***1,066.56***
Net Emissions				
Area	5.79	0.01	0.00	5.91
Energy	256.28	0.01	0.00	257.85
Mobile	1,541.05	0.06	0.00	1,542.38
Waste	2.55	0.15	0.00	5.70
Water	25.89	0.14	0.00	29.86
Total Operational	***1,831.56***	***0.37***	***0.01***	***1,841.70***
Amortized Construction				44.09
Total Project Emissions				***1,885.78***
Significance Threshold				**3,000.00**
Significant?				No

SOURCE: Atkins, *125 Baker Street Apartments Air Quality and Climate Change Technical Report* (August 2013).

Rows will not add across due to the conversion from CH_4 and N_2O to CO_2e.

Net emissions equal project emissions minus existing onsite emissions.

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Appendix A Construction Assumptions and Calculations

125 Baker Street Apartments
Construction Assumptions

CalEEMod Inputs (Non-Default input only)

Project Name:	125 Baker Street	
File Name:	125Bproject	
Project Location:	County	Orange
windspeed (m/s)	2.2	(default)
Precipitation Frequency (days)	30	(default)
Climate Zone:	8	
Landuse Setting:	Urban	
Operational Year:	2016	
Utility:	Southern California Edison	
CO_2 intensity Factor	641.26	(default)
CH_4 Intensity Factor	0.029	(default)
N_2O Intensity Factor	0.011	(default)

Land Use Information

	Unit Amount	Size Metric	Lot acerage	square feet	Pop
Apartment - Low Rise	240.00	dwelling units	3.44	216,140	346
Parking Structure	207	1,000 sq ft	0.73	207,350	0
Total:			4.17		

Construction

Construction Phasing:

Phase Type	Start Date	End Date	Days/week	Total Days	Months
Demolition:	5/15/2014	7/9/2014	5	40	2
Grading:	7/10/2014	8/6/2014	5	20	1
Building Construction:	8/7/2014	9/2/2015	5	280	14
	Garage			100	5
	External Housing (60 days after start of garage)			240	12
Architectural Coating:	9/3/2015	12/23/2015	5	80	4
				420	21

Off-Road Equipment:

Construction Phase	Equipment Type	#	hrs/day	horsepower	load factor
Default Equipment by phase					
Demolition	62,000	sq ft			

125 Baker Street Apartments

Construction Criteria Pollutant Emissions Summary

Unmitigated Construction Emissions (lbs/day)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Demolition	8.80	69.61	43.98	0.08	11.69	3.38
Grading	6.07	45.75	31.05	0.05	8.94	5.80
Building	7.09	42.49	44.62	0.09	6.98	2.62
Architectural Coating	81.83	2.86	4.69	0.01	1.04	0.28
Max Daily Emissions	81.83	69.61	44.62	0.09	11.69	5.80
Significance Thresholds:	**75**	**100**	**550**	**150**	**150**	**55**
Significant?	**YES**	**No**	**No**	**No**	**No**	**No**

Mitigated Construction Emissions (lbs/day)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Demolition	5.80	38.21	43.66	0.08	9.25	2.02
Grading	4.00	24.94	30.89	0.05	3.44	2.35
Building	5.90	30.96	46.36	0.09	6.30	1.94
Architectural Coating	67.27	1.77	4.62	0.01	0.93	1.91
Max Daily Emissions	67.27	38.21	46.36	0.09	9.25	2.35
Significance Thresholds:	**75**	**100**	**550**	**150**	**150**	**55**
Significant?	**No**	**No**	**No**	**No**	**No**	**No**

Construction Mitigation Measures:

1 The Applicant shall require by contract specifications that construction equipment engines be maintained in good condition and in proper tune per manufacturer's specification for the duration of construction. Contract specifications shall be included in project construction documents, which shall be reviewed by the City of Costa Mesa prior to issuance of a grading permit.

2 The Applicant shall require by contract specifications that construction operations rely on the electricity infrastructure surrounding the construction site rather than electrical generators powered by internal combustion engines. Contract specifications shall be included in project construction documents, which shall be reviewed by the City of Costa Mesa prior to issuance of a grading permit.

3 As required by South Coast Air Quality Management District Rule 403—Fugitive Dust, all construction activities that are capable of generating fugitive dust are required to implement dust control measures during each phase of project development to reduce the amount of particulate matter entrained in the ambient air. These measures include the following:

- *Application of soil stabilizers to inactive construction areas*
- *Quick replacement of ground cover in disturbed areas. If disturbed graded areas remain inactive for greater than four days, non-toxic soil stabilizers shall be applied.*
- *Watering of exposed surfaces three times daily*
- *Watering of all unpaved haul roads three times daily*
- *Covering all stock piles with tarp*
- *Reduction of vehicle speed on unpaved roads*

125 Baker Street Apartments

- *Post signs on site limiting traffic to 15 miles per hour or less*

Construction Criteria Pollutant Emissions Summary Continued

- *Sweep streets adjacent to the project site at the end of the day if visible soil material is carried over to adjacent roads*

- *Cover or have water applied to the exposed surface of all trucks hauling dirt, sand, soil, or other loose materials prior to*
- *Install wheel washers where vehicles enter and exit unpaved roads onto paved roads to wash off trucks and any equipment leaving the site each trip*

4 The Applicant shall require by contract specifications that construction-related equipment, including heavy-duty equipment, motor vehicles, and portable equipment, shall be turned off when not in use for more than 5 minutes. Diesel-fueled commercial motor vehicles with gross vehicular weight ratings of greater than 10,000 pounds shall be turned off when not in use for more than 5 minutes. Contract specifications shall be included in the proposed project construction documents, which shall be approved by the City of Costa Mesa.

5 The Applicant shall require by contract specifications that the architectural coating (paint and primer) products used have a VOC rating of 190 grams per liter or less, for all exterior and interior non-residential land use architectural coating. As per SCAQMD regulations, architectural coating for residential land-uses shall not exceed 50 g/liter interior or 100 g/liter exterior. Contract specifications shall be included in the proposed project construction documents, which shall be approved by the City of Costa Mesa.

125 Baker Street Apartments

Construction Related LST Analysis

Notes:

1. Localized Significance is determined by onsite emission sources only. Therefore, mobile emissions are determined based on a per trip average onsite distance traveled of 0.5 miles. This is a conservative estimate based on the size of the parking structure and the length of the driveway.

2. The closest sensitive receptor is located approximately 130 feet from the project site. Therefore the LST lookup values for 80 feet were used based on SCAQMD methodology.

3. The LST look-up table for 1 acres was used as the average daily soil disturbance is approximately 1 acre based CalEEMod and SCAQMD methodology guidance.

Mitigated Daily Onsite Construction Emissions (lbs/day)

	NO_X	CO	PM_{10}	$PM_{2.5}$
Max Emissions no phase overlap	34.78	40.71	3.2	2.33
Significance Thresholds:	**92**	**647**	**4**	**3**
Significant?	**No**	**No**	**No**	**No**

	NO_X	CO	PM_{10}	$PM_{2.5}$
Building and Architectural Coating overlap:	22.01	26.77	1.45	1.45
Building and Grading Overlap:	45.38	54.96	4.54	3.67
Grading and Demolition overlap:	59.63	70.73	5.5	4.18
Significance Thresholds:	**92**	**647**	**4**	**3**
Significant?	**No**	**No**	**YES**	**YES**

Construction LST Mitigation Measures:

1 Tier 3 construction equipment is needed for Demolition and Grading phases.
2 Demolition and Grading phases cannot overlap schedule.
3 Grading and Building phases cannot overlap schedule.

Appendix B Construction CalEEMod Output

125 Baker Street - Project - Mitigated construction

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	240	Dwelling Unit
Parking Structure	207.35	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics - Mitigated Construction Scenario to account for reduced VOC in Architectural Coating.

Land Use - Based on project specific data.

Construction Phase - Based on Project specific schedule

Demolition - Project specific Data

Vehicle Trips - Mitigated Construction Only

Woodstoves - Mitigated construction only

Construction Off-road Equipment Mitigation - Based on 4 waterings a day

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Architectural Coating - Reduced VOC content to reduce emissions. - Mitigation

Area Coating - Mitigated Construction Only

Landscape Equipment - mitigated construction only

Energy Use - mitigated construction only

Water And Wastewater - Mitigated construction only

Solid Waste - mitigated construction only

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	8.79	69.42	44.84	0.09	8.34	3.34	11.68	3.32	3.34	5.80	0.00	8,766.06	0.00	0.78	0.00	8,782.34
2015	67.39	38.06	42.91	0.09	4.55	2.17	6.72	0.19	2.17	2.36	0.00	8,702.70	0.00	0.58	0.00	8,714.83
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	5.79	38.01	46.58	0.09	7.26	1.99	9.25	0.98	1.99	2.35	0.00	8,766.06	0.00	0.78	0.00	8,782.34
2015	67.24	29.43	44.86	0.09	4.55	1.72	6.27	0.19	1.72	1.91	0.00	8,702.70	0.00	0.58	0.00	8,714.83
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.02	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Total	**9.02**	**0.24**	**20.32**	**0.00**	**0.00**	**0.00**	**0.11**	**0.00**	**0.00**	**0.11**	**0.00**	**36.09**		**0.04**	**0.00**	**36.86**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.99	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Total	**8.99**	**0.23**	**19.83**	**0.00**	**0.00**	**0.00**	**0.11**	**0.00**	**0.00**	**0.11**	**0.00**	**35.02**		**0.03**	**0.00**	**35.75**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.53	0.00	1.53	0.00	0.00	0.00						0.00
Off-Road	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57
Total	**8.39**	**66.18**	**41.03**	**0.07**	**1.53**	**3.21**	**4.74**	**0.00**	**3.21**	**3.21**		**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.31	3.15	1.95	0.01	6.58	0.13	6.71	0.02	0.13	0.15		576.11		0.02		576.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.39**	**3.23**	**2.87**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**755.13**		**0.03**		**755.66**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.45	0.00	0.45	0.00	0.00	0.00						0.00
Off-Road	5.39	34.78	40.71	0.07		1.85	1.85		1.85	1.85	0.00	7,510.81		0.75		7,526.57
Total	**5.39**	**34.78**	**40.71**	**0.07**	**0.45**	**1.85**	**2.30**	**0.00**	**1.85**	**1.85**	**0.00**	**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.31	3.15	1.95	0.01	6.58	0.13	6.71	0.02	0.13	0.15		576.11		0.02		576.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.39**	**3.23**	**2.87**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**755.13**		**0.03**		**755.66**

3.3 Grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.23	0.00	6.23	3.31	0.00	3.31						0.00
Off-Road	5.98	45.66	30.18	0.05		2.47	2.47		2.47	2.47		5,240.06		0.53		5,251.29
Total	**5.98**	**45.66**	**30.18**	**0.05**	**6.23**	**2.47**	**8.70**	**3.31**	**2.47**	**5.78**		**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.08**	**0.08**	**0.92**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**179.02**		**0.01**		**179.22**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.84	0.00	1.84	0.97	0.00	0.97						0.00
Off-Road	3.91	24.85	30.02	0.05		1.36	1.36		1.36	1.36	0.00	5,240.06		0.53		5,251.29
Total	**3.91**	**24.85**	**30.02**	**0.05**	**1.84**	**1.36**	**3.20**	**0.97**	**1.36**	**2.33**	**0.00**	**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.08**	**0.08**	**0.92**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**179.02**		**0.01**		**179.22**

3.4 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**		**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.78	8.42	5.62	0.02	0.56	0.28	0.83	0.04	0.28	0.32		1,622.44		0.04		1,623.27
Worker	1.40	1.39	16.02	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,103.00		0.16		3,106.43
Total	**2.18**	**9.81**	**21.64**	**0.05**	**4.55**	**0.41**	**4.95**	**0.19**	**0.41**	**0.60**		**4,725.44**		**0.20**		**4,729.70**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.55	20.53	24.94	0.04		1.34	1.34		1.34	1.34	0.00	4,040.61		0.42		4,049.51
Total	**3.55**	**20.53**	**24.94**	**0.04**		**1.34**	**1.34**		**1.34**	**1.34**	**0.00**	**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.78	8.42	5.62	0.02	0.56	0.28	0.83	0.04	0.28	0.32		1,622.44		0.04		1,623.27
Worker	1.40	1.39	16.02	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,103.00		0.16		3,106.43
Total	**2.18**	**9.81**	**21.64**	**0.05**	**4.55**	**0.41**	**4.95**	**0.19**	**0.41**	**0.60**		**4,725.44**		**0.20**		**4,729.70**

3.4 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**		**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.71	7.63	5.15	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,627.94		0.04		1,628.69
Worker	1.31	1.27	14.78	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,034.14		0.15		3,037.32
Total	**2.02**	**8.90**	**19.93**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,662.08**		**0.19**		**4,666.01**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.55	20.53	24.94	0.04		1.34	1.34		1.34	1.34	0.00	4,040.61		0.39		4,048.81
Total	**3.55**	**20.53**	**24.94**	**0.04**		**1.34**	**1.34**		**1.34**	**1.34**	**0.00**	**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.71	7.63	5.15	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,627.94		0.04		1,628.69
Worker	1.31	1.27	14.78	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,034.14		0.15		3,037.32
Total	**2.02**	**8.90**	**19.93**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,662.08**		**0.19**		**4,666.01**

3.5 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	66.73					0.00	0.00		0.00	0.00						0.00
Off-Road	0.41	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96
Total	**67.14**	**2.57**	**1.90**	**0.00**		**0.22**	**0.22**		**0.22**	**0.22**		**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.25	2.96	0.01	0.80	0.03	0.82	0.03	0.03	0.06		606.83		0.03		607.46
Total	**0.26**	**0.25**	**2.96**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**606.83**		**0.03**		**607.46**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	66.73					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.11	0.11		0.11	0.11	0.00	281.19		0.04		281.96
Total	**66.98**	**1.48**	**1.83**	**0.00**		**0.11**	**0.11**		**0.11**	**0.11**	**0.00**	**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.25	2.96	0.01	0.80	0.03	0.82	0.03	0.03	0.06		606.83		0.03		607.46
Total	**0.26**	**0.25**	**2.96**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**606.83**		**0.03**		**607.46**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Unmitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
Parking Structure	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	0.00	7.00	9.50	40.20	19.20	40.60
Parking Structure	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
NaturalGas Unmitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**	**0.00**	**0.00**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**	**0.00**	**0.00**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.99	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Unmitigated	9.02	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.00					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.64	0.24	20.32	0.00		0.00	0.11		0.00	0.11		36.09		0.04		36.86
Total	**9.03**	**0.24**	**20.32**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**36.09**		**0.04**	**0.00**	**36.86**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.00					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.61	0.23	19.83	0.00		0.00	0.11		0.00	0.11		35.02		0.03		35.75
Total	**9.00**	**0.23**	**19.83**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**35.02**		**0.03**	**0.00**	**35.75**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

125 Baker Street - Project - Mitigated construction

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	240	Dwelling Unit
Parking Structure	207.35	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics - Mitigated Construction Scenario to account for reduced VOC in Architectural Coating.

Land Use - Based on project specific data.

Construction Phase - Based on Project specific schedule

Demolition - Project specific Data

Vehicle Trips - Mitigated Construction Only

Woodstoves - Mitigated construction only

Construction Off-road Equipment Mitigation - Based on 4 waterings a day

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Architectural Coating - Reduced VOC content to reduce emissions. - Mitigation

Area Coating - Mitigated Construction Only

Landscape Equipment - mitigated construction only

Energy Use - mitigated construction only

Water And Wastewater - Mitigated construction only

Solid Waste - mitigated construction only

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	8.80	69.61	44.62	0.09	8.34	3.35	11.68	3.32	3.35	5.80	0.00	8,554.22	0.00	0.78	0.00	8,570.50
2015	67.42	38.58	42.73	0.09	4.55	2.17	6.72	0.19	2.17	2.37	0.00	8,494.71	0.00	0.57	0.00	8,506.75
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	5.89	38.21	46.36	0.09	7.26	1.99	9.25	0.98	1.99	2.35	0.00	8,554.22	0.00	0.78	0.00	8,570.50
2015	67.26	29.96	44.69	0.09	4.55	1.72	6.27	0.19	1.72	1.91	0.00	8,494.71	0.00	0.57	0.00	8,506.75
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	9.02	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Total	**9.02**	**0.24**	**20.32**	**0.00**	**0.00**	**0.00**	**0.11**	**0.00**	**0.00**	**0.11**	**0.00**	**36.09**		**0.04**	**0.00**	**36.86**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	8.99	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Total	**8.99**	**0.23**	**19.83**	**0.00**	**0.00**	**0.00**	**0.11**	**0.00**	**0.00**	**0.11**	**0.00**	**35.02**		**0.03**	**0.00**	**35.75**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.53	0.00	1.53	0.00	0.00	0.00						0.00
Off-Road	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57
Total	**8.39**	**66.18**	**41.03**	**0.07**	**1.53**	**3.21**	**4.74**	**0.00**	**3.21**	**3.21**		**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.32	3.34	2.08	0.01	6.58	0.13	6.71	0.02	0.13	0.15		573.83		0.02		574.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.41**	**3.43**	**2.95**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**741.19**		**0.03**		**741.72**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.45	0.00	0.45	0.00	0.00	0.00						0.00
Off-Road	5.39	34.78	40.71	0.07		1.85	1.85		1.85	1.85	0.00	7,510.81		0.75		7,526.57
Total	**5.39**	**34.78**	**40.71**	**0.07**	**0.45**	**1.85**	**2.30**	**0.00**	**1.85**	**1.85**	**0.00**	**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.32	3.34	2.08	0.01	6.58	0.13	6.71	0.02	0.13	0.15		573.83		0.02		574.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.41**	**3.43**	**2.95**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**741.19**		**0.03**		**741.72**

3.3 Grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.23	0.00	6.23	3.31	0.00	3.31						0.00
Off-Road	5.98	45.66	30.18	0.05		2.47	2.47		2.47	2.47		5,240.06		0.53		5,251.29
Total	**5.98**	**45.66**	**30.18**	**0.05**	**6.23**	**2.47**	**8.70**	**3.31**	**2.47**	**5.78**		**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.09**	**0.09**	**0.87**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**167.36**		**0.01**		**167.55**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.84	0.00	1.84	0.97	0.00	0.97						0.00
Off-Road	3.91	24.85	30.02	0.05		1.36	1.36		1.36	1.36	0.00	5,240.06		0.53		5,251.29
Total	**3.91**	**24.85**	**30.02**	**0.05**	**1.84**	**1.36**	**3.20**	**0.97**	**1.36**	**2.33**	**0.00**	**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.09**	**0.09**	**0.87**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**167.36**		**0.01**		**167.55**

3.4 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**		**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.82	8.83	6.27	0.02	0.56	0.28	0.84	0.04	0.28	0.32		1,612.75		0.04		1,613.61
Worker	1.53	1.60	15.15	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,900.86		0.16		2,904.15
Total	**2.35**	**10.43**	**21.42**	**0.05**	**4.55**	**0.41**	**4.96**	**0.19**	**0.41**	**0.60**		**4,513.61**		**0.20**		**4,517.76**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.55	20.53	24.94	0.04		1.34	1.34		1.34	1.34	0.00	4,040.61		0.42		4,049.51
Total	**3.55**	**20.53**	**24.94**	**0.04**		**1.34**	**1.34**		**1.34**	**1.34**	**0.00**	**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.82	8.83	6.27	0.02	0.56	0.28	0.84	0.04	0.28	0.32		1,612.75		0.04		1,613.61
Worker	1.53	1.60	15.15	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,900.86		0.16		2,904.15
Total	**2.35**	**10.43**	**21.42**	**0.05**	**4.55**	**0.41**	**4.96**	**0.19**	**0.41**	**0.60**		**4,513.61**		**0.20**		**4,517.76**

3.4 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**		**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	7.97	5.80	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,617.84		0.04		1,618.63
Worker	1.44	1.46	13.95	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,836.25		0.15		2,839.31
Total	**2.19**	**9.43**	**19.75**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,454.09**		**0.19**		**4,457.94**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	3.55	20.53	24.94	0.04		1.34	1.34		1.34	1.34	0.00	4,040.61		0.39		4,048.81
Total	**3.55**	**20.53**	**24.94**	**0.04**		**1.34**	**1.34**		**1.34**	**1.34**	**0.00**	**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	7.97	5.80	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,617.84		0.04		1,618.63
Worker	1.44	1.46	13.95	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,836.25		0.15		2,839.31
Total	**2.19**	**9.43**	**19.75**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,454.09**		**0.19**		**4,457.94**

3.5 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	66.73					0.00	0.00		0.00	0.00						0.00
Off-Road	0.41	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96
Total	**67.14**	**2.57**	**1.90**	**0.00**		**0.22**	**0.22**		**0.22**	**0.22**		**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.29	0.29	2.79	0.01	0.80	0.03	0.82	0.03	0.03	0.06		567.25		0.03		567.86
Total	**0.29**	**0.29**	**2.79**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**567.25**		**0.03**		**567.86**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	66.73					0.00	0.00		0.00	0.00						0.00
Off-Road	0.25	1.48	1.83	0.00		0.11	0.11		0.11	0.11	0.00	281.19		0.04		281.96
Total	**66.98**	**1.48**	**1.83**	**0.00**		**0.11**	**0.11**		**0.11**	**0.11**	**0.00**	**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.29	0.29	2.79	0.01	0.80	0.03	0.82	0.03	0.03	0.06		567.25		0.03		567.86
Total	**0.29**	**0.29**	**2.79**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**567.25**		**0.03**		**567.86**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Unmitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
Parking Structure	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	0.00	7.00	9.50	40.20	19.20	40.60
Parking Structure	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
NaturalGas Unmitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**	**0.00**	**0.00**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**	**0.00**	**0.00**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	8.99	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Unmitigated	9.02	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.00					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.64	0.24	20.32	0.00		0.00	0.11		0.00	0.11		36.09		0.04		36.86
Total	**9.03**	**0.24**	**20.32**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**36.09**		**0.04**	**0.00**	**36.86**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.00					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.61	0.23	19.83	0.00		0.00	0.11		0.00	0.11		35.02		0.03		35.75
Total	**9.00**	**0.23**	**19.83**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**35.02**		**0.03**	**0.00**	**35.75**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Appendix C Operational Assumptions and Calculations

125 Baker Street Apartments
Project Site Operational CalEEMod Inputs

File Name		125Bproject		125Bexisting
	Address	**125 Baker Street**	**125 Baker Street**	**Existing**
Land Use Information	Operational Year	2016	2016	2013
	Type	Residential	Parking	Commercial
	Subtype	Apartment Low Rise	Garage	General Office
	Unit Amount	240.00	207	62
	Size Metric	dwelling units	1,000 sq ft	ksf
	Lot acerage	3.44	0.73	4.17
	Square feet	216,140	207,350	62,000
	Population	346	0	0
Mobile Sources	wkday trip rate	6.650	0	8.16
	Sat trip rate	6.65	0	8.16
	Sun trip rate	6.65	0	8.16
	Vehicle Trips	1596	0	506
	Vehicle Emissions	Default	Default	Default
	Road Dust	Default	Default	Default
Area Sources	***Hearth***	No Hearth	No Hearth	No Hearth
	Consumer Products (lb ROG/sqft/yr)	0.0000198	0.0000198	0.0000198
	Arhitectural Coatings	10%	10%	10%
	Residential interior	50	N/A	
	Residential Exterior	100	N/A	
	Non-Residential Interior	N/A	250	250
	Non-Residential Exterior	N/A	250	250
	Landscape Equipment	Default	Default	Default
Energy Use		Default		
	Title-24 Electricity (KWhr/size/yr)	264.15	0	5.76
	Nontitle-24 Electricity(KWhr/size/yr)	2,399.07	0	4.94
	Lighting Electricity (KWhr/size/yr)	876.36	0	4.92
	Title-24 Natural Gas (KBTU/size/yr)	16,067.71	0	9.04
	Nontitle-24 Natural Gas (KBTU/size/yr)	2,758.90	0	0.55
Water & Wastewater		Default		
	Indoor water use (gal/yr)	15,636,966	0	11,019,492.38
	Outdoor water use (gal/yr)	9,858,087	0	6,753,882.42
	Electrical Intensity	Default	Default	Default
	Septic Tank %	0	0	0
	Anerobic %	92.4	92.4	92.4
	Anaerobic and Lagoons %	2.4	2.4	2.4
	Anaerobic digester w/combustion %	3.5	3.5	3.5
	Anerobic digester w/cogen & combustion %	0	0	0
Solid Waste		Default		
	tons/year	110.4	0	57.66
	Landfill No Gas Capture %	6	6	6
	Landfill Capture Gas Flare %	94	94	94
	Landfill Capture Gas Energy Recovery %	0	0	0

125 Baker Street Apartments

Operational Criteria Pollutant Emissions Summary

Unmitigated Operational Emissions (lbs/day)

	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Project						
Area	10.80	0.24	20.32	0.00	0.11	0.11
Energy	0.13	1.14	0.49	0.01	0.09	0.09
Mobile	8.01	15.14	74.34	0.16	18.29	1.30
Total	18.94	16.52	95.15	0.17	18.49	1.50
Existing						
Area	1.62	0.00	0.00	0.00	0.00	0.00
Energy	0.02	0.16	0.13	0.00	0.01	0.01
Mobile	2.89	5.78	28.05	0.05	5.56	0.40
Total	4.53	5.94	28.18	0.05	5.57	0.41
Net Emissions						
Area	9.18	0.24	20.32	0.00	0.11	0.11
Energy	0.11	0.98	0.36	0.01	0.08	0.08
Mobile	5.12	9.36	46.29	0.11	12.73	0.90
Total	14.41	10.58	66.97	0.12	12.92	1.09
Significance Thresholds:	**55**	**55**	**550**	**150**	**150**	**55**
Significant?	**No**	**No**	**No**	**No**	**No**	**No**

Operational Mitigation Measures:

None Required

125 Baker Street Apartments
CO Hotspot Analysis

Intersection	AM/PM	Level of Service	Peak Hour Volume	1-Hr Conc. (ppm)	8-Hr Conc. (ppm)	Significant?
State Standards				20	9	
Existing						
Pullman at Baker	AM	D	1852	4.1	3	No
Pullman at Baker	PM	F	1863	3.9	2.8	No
Red Hill at Baker	PM	B	2874	4	2.9	No
Project 2016						
Pullman at Baker 2016	AM	F	1940	3.8	2.8	No
Pullman at Baker 2016	PM	F	1974	3.7	2.7	No
Cumulative 2020						
Pullman at Baker 2020	AM	F	2214	3.6	2.6	No
Pullman at Baker 2020	PM	F	2462	3.6	2.6	No
Red Hill at Baker 2020	PM	E	4811	3.9	2.8	No

125 Baker Street Apartments

Operational LST Analysis

Notes:

1. Localized Significance is determined by onsite emission sources only. Therefore, mobile emissions are determined based on a per trip average onsite distance traveled of 0.5 miles. This is a conservative estimate based on the size of the parking structure and the length of the driveway.

2. The closest sensitive receptor is the onsite residences and the closest offsite receptor is located approximately 130 feet from the project site. Therefore the LST lookup values for 80 feet were used based on SCAQMD threshold .

3. The LST look-up table for 2 acres was used as the property is less than 5 acres and there is not a size category between 2 and 5 acres.

4. The LST analysis is based on the project emissions rather than the net project emissions.

	Full	Onsite	% total
Miles per trip:	10.31	0.5	
Trips per day:	1596	1596	
Miles per day:	16,454.76	798.00	4.85%

Unmitigated Onsite Project Emissions (lbs/day)

	NO_X	CO	PM_{10}	$PM_{2.5}$
Area	0.24	20.32	0.11	0.11
Energy	1.14	0.49	0.09	0.09
Mobile	0.73	3.61	0.89	0.06
Total	2.11	24.42	1.09	0.26
Significance Thresholds:	**131**	**962**	**2**	**2**
Significant?	**No**	**No**	**No**	**No**

Appendix D Operational CalEEMod Output

125 Baker Street - Project

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	240	Dwelling Unit
Parking Structure	207.35	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics -

Land Use - Based on project specific data.

Construction Phase - Based on Project specific schedule

Demolition - Project specific Data

Vehicle Trips - Based on Traffic Study

Woodstoves - No fireplaces or wood stoves.

Construction Off-road Equipment Mitigation - Based on 4 waterings a day

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Architectural Coating -

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	8.79	69.42	44.84	0.09	8.34	3.34	11.68	3.32	3.34	5.80	0.00	8,766.06	0.00	0.78	0.00	8,782.34
2015	81.80	38.06	42.91	0.09	4.55	2.17	6.72	0.19	2.17	2.36	0.00	8,702.70	0.00	0.58	0.00	8,714.83
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	25.47	59.94	46.58	0.09	7.26	2.60	9.86	0.98	2.60	2.93	0.00	8,766.06	0.00	0.78	0.00	8,782.34
2015	82.83	41.49	44.86	0.09	4.55	2.17	6.72	0.19	2.17	2.36	0.00	8,702.70	0.00	0.58	0.00	8,714.83
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10.80	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Energy	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Mobile	7.56	13.68	74.34	0.16	17.58	0.70	18.28	0.59	0.70	1.29		14,549.27		0.57		14,561.31
Total	**18.49**	**15.06**	**95.15**	**0.17**	**17.58**	**0.70**	**18.48**	**0.59**	**0.70**	**1.49**	**0.00**	**16,041.73**		**0.64**	**0.03**	**16,063.40**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10.77	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Energy	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Mobile	7.53	13.63	74.04	0.16	17.50	0.70	18.19	0.59	0.70	1.29		14,480.52		0.57		14,492.51
Total	**18.43**	**15.00**	**94.36**	**0.17**	**17.50**	**0.70**	**18.39**	**0.59**	**0.70**	**1.49**	**0.00**	**15,971.91**		**0.63**	**0.03**	**15,993.49**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.53	0.00	1.53	0.00	0.00	0.00						0.00
Off-Road	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57
Total	**8.39**	**66.18**	**41.03**	**0.07**	**1.53**	**3.21**	**4.74**	**0.00**	**3.21**	**3.21**		**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.31	3.15	1.95	0.01	6.58	0.13	6.71	0.02	0.13	0.15		576.11		0.02		576.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.39**	**3.23**	**2.87**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**755.13**		**0.03**		**755.66**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.45	0.00	0.45	0.00	0.00	0.00						0.00
Off-Road	25.07	56.71	40.71	0.07		2.47	2.47		2.47	2.47	0.00	7,510.81		0.75		7,526.57
Total	**25.07**	**56.71**	**40.71**	**0.07**	**0.45**	**2.47**	**2.92**	**0.00**	**2.47**	**2.47**	**0.00**	**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.31	3.15	1.95	0.01	6.58	0.13	6.71	0.02	0.13	0.15		576.11		0.02		576.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.39**	**3.23**	**2.87**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**755.13**		**0.03**		**755.66**

3.3 Grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.23	0.00	6.23	3.31	0.00	3.31						0.00
Off-Road	5.98	45.66	30.18	0.05		2.47	2.47		2.47	2.47		5,240.06		0.53		5,251.29
Total	**5.98**	**45.66**	**30.18**	**0.05**	**6.23**	**2.47**	**8.70**	**3.31**	**2.47**	**5.78**		**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.08**	**0.08**	**0.92**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**179.02**		**0.01**		**179.22**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.84	0.00	1.84	0.97	0.00	0.97						0.00
Off-Road	18.49	40.58	30.02	0.05		1.94	1.94		1.94	1.94	0.00	5,240.06		0.53		5,251.29
Total	**18.49**	**40.58**	**30.02**	**0.05**	**1.84**	**1.94**	**3.78**	**0.97**	**1.94**	**2.91**	**0.00**	**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.08	0.08	0.92	0.00	0.23	0.01	0.24	0.01	0.01	0.02		179.02		0.01		179.22
Total	**0.08**	**0.08**	**0.92**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**179.02**		**0.01**		**179.22**

3.4 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**		**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.78	8.42	5.62	0.02	0.56	0.28	0.83	0.04	0.28	0.32		1,622.44		0.04		1,623.27
Worker	1.40	1.39	16.02	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,103.00		0.16		3,106.43
Total	**2.18**	**9.81**	**21.64**	**0.05**	**4.55**	**0.41**	**4.95**	**0.19**	**0.41**	**0.60**		**4,725.44**		**0.20**		**4,729.70**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	15.26	32.59	24.94	0.04		1.79	1.79		1.79	1.79	0.00	4,040.61		0.42		4,049.51
Total	**15.26**	**32.59**	**24.94**	**0.04**		**1.79**	**1.79**		**1.79**	**1.79**	**0.00**	**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.78	8.42	5.62	0.02	0.56	0.28	0.83	0.04	0.28	0.32		1,622.44		0.04		1,623.27
Worker	1.40	1.39	16.02	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,103.00		0.16		3,106.43
Total	**2.18**	**9.81**	**21.64**	**0.05**	**4.55**	**0.41**	**4.95**	**0.19**	**0.41**	**0.60**		**4,725.44**		**0.20**		**4,729.70**

3.4 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**		**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.71	7.63	5.15	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,627.94		0.04		1,628.69
Worker	1.31	1.27	14.78	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,034.14		0.15		3,037.32
Total	**2.02**	**8.90**	**19.93**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,662.08**		**0.19**		**4,666.01**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	15.26	32.59	24.94	0.04		1.79	1.79		1.79	1.79	0.00	4,040.61		0.39		4,048.81
Total	**15.26**	**32.59**	**24.94**	**0.04**		**1.79**	**1.79**		**1.79**	**1.79**	**0.00**	**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.71	7.63	5.15	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,627.94		0.04		1,628.69
Worker	1.31	1.27	14.78	0.03	3.99	0.13	4.12	0.15	0.13	0.28		3,034.14		0.15		3,037.32
Total	**2.02**	**8.90**	**19.93**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,662.08**		**0.19**		**4,666.01**

3.5 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	81.13					0.00	0.00		0.00	0.00						0.00
Off-Road	0.41	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96
Total	**81.54**	**2.57**	**1.90**	**0.00**		**0.22**	**0.22**		**0.22**	**0.22**		**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.25	2.96	0.01	0.80	0.03	0.82	0.03	0.03	0.06		606.83		0.03		607.46
Total	**0.26**	**0.25**	**2.96**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**606.83**		**0.03**		**607.46**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	81.13					0.00	0.00		0.00	0.00						0.00
Off-Road	1.43	2.42	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		281.96
Total	**82.56**	**2.42**	**1.83**	**0.00**		**0.15**	**0.15**		**0.15**	**0.15**	**0.00**	**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.26	0.25	2.96	0.01	0.80	0.03	0.82	0.03	0.03	0.06		606.83		0.03		607.46
Total	**0.26**	**0.25**	**2.96**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**606.83**		**0.03**		**607.46**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.53	13.63	74.04	0.16	17.50	0.70	18.19	0.59	0.70	1.29		14,480.52		0.57		14,492.51
Unmitigated	7.56	13.68	74.34	0.16	17.58	0.70	18.28	0.59	0.70	1.29		14,549.27		0.57		14,561.31
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,596.00	1,596.00	1596.00	5,315,597	5,289,942
Parking Structure	0.00	0.00	0.00		
Total	1,596.00	1,596.00	1,596.00	5,315,597	5,289,942

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	12.70	7.00	9.50	40.20	19.20	40.60
Parking Structure	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
NaturalGas Unmitigated	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	12379.1	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.13**	**1.14**	**0.49**	**0.01**		**0.00**	**0.09**		**0.00**	**0.09**		**1,456.37**		**0.03**	**0.03**	**1,465.23**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	12.3791	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.13**	**1.14**	**0.49**	**0.01**		**0.00**	**0.09**		**0.00**	**0.09**		**1,456.37**		**0.03**	**0.03**	**1,465.23**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.77	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Unmitigated	10.80	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.78					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.64	0.24	20.32	0.00		0.00	0.11		0.00	0.11		36.09		0.04		36.86
Total	**10.81**	**0.24**	**20.32**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**36.09**		**0.04**	**0.00**	**36.86**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.78					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.61	0.23	19.83	0.00		0.00	0.11		0.00	0.11		35.02		0.03		35.75
Total	**10.78**	**0.23**	**19.83**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**35.02**		**0.03**	**0.00**	**35.75**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Vegetation

125 Baker Street - Project

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	240	Dwelling Unit
Parking Structure	207.35	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics -

Land Use - Based on project specific data.

Construction Phase - Based on Project specific schedule

Demolition - Project specific Data

Vehicle Trips - Based on Traffic Study

Woodstoves - No fireplaces or wood stoves.

Construction Off-road Equipment Mitigation - Based on 4 waterings a day

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	8.80	69.61	44.62	0.09	8.34	3.35	11.68	3.32	3.35	5.80	0.00	8,554.22	0.00	0.78	0.00	8,570.50
2015	81.82	38.58	42.73	0.09	4.55	2.17	6.72	0.19	2.17	2.37	0.00	8,494.71	0.00	0.57	0.00	8,506.75
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2014	25.48	60.14	46.36	0.09	7.26	2.60	9.86	0.98	2.60	2.93	0.00	8,554.22	0.00	0.78	0.00	8,570.50
2015	82.85	42.02	44.69	0.09	4.55	2.17	6.72	0.19	2.17	2.36	0.00	8,494.71	0.00	0.57	0.00	8,506.75
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10.80	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Energy	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Mobile	8.01	15.14	72.38	0.15	17.58	0.70	18.29	0.59	0.70	1.30		13,734.86		0.58		13,746.95
Total	**18.94**	**16.52**	**93.19**	**0.16**	**17.58**	**0.70**	**18.49**	**0.59**	**0.70**	**1.50**	**0.00**	**15,227.32**		**0.65**	**0.03**	**15,249.04**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	10.77	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Energy	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Mobile	7.99	15.07	72.10	0.15	17.50	0.70	18.20	0.59	0.70	1.29		13,670.01		0.57		13,682.05
Total	**18.89**	**16.44**	**92.42**	**0.16**	**17.50**	**0.70**	**18.40**	**0.59**	**0.70**	**1.49**	**0.00**	**15,161.40**		**0.63**	**0.03**	**15,183.03**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.53	0.00	1.53	0.00	0.00	0.00						0.00
Off-Road	8.39	66.18	41.03	0.07		3.21	3.21		3.21	3.21		7,510.81		0.75		7,526.57
Total	**8.39**	**66.18**	**41.03**	**0.07**	**1.53**	**3.21**	**4.74**	**0.00**	**3.21**	**3.21**		**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.32	3.34	2.08	0.01	6.58	0.13	6.71	0.02	0.13	0.15		573.83		0.02		574.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.41**	**3.43**	**2.95**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**741.19**		**0.03**		**741.72**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.45	0.00	0.45	0.00	0.00	0.00						0.00
Off-Road	25.07	56.71	40.71	0.07		2.47	2.47		2.47	2.47	0.00	7,510.81		0.75		7,526.57
Total	**25.07**	**56.71**	**40.71**	**0.07**	**0.45**	**2.47**	**2.92**	**0.00**	**2.47**	**2.47**	**0.00**	**7,510.81**		**0.75**		**7,526.57**

3.2 Demolition - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.32	3.34	2.08	0.01	6.58	0.13	6.71	0.02	0.13	0.15		573.83		0.02		574.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.41**	**3.43**	**2.95**	**0.01**	**6.81**	**0.14**	**6.95**	**0.03**	**0.14**	**0.17**		**741.19**		**0.03**		**741.72**

3.3 Grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.23	0.00	6.23	3.31	0.00	3.31						0.00
Off-Road	5.98	45.66	30.18	0.05		2.47	2.47		2.47	2.47		5,240.06		0.53		5,251.29
Total	**5.98**	**45.66**	**30.18**	**0.05**	**6.23**	**2.47**	**8.70**	**3.31**	**2.47**	**5.78**		**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.09**	**0.09**	**0.87**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**167.36**		**0.01**		**167.55**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.84	0.00	1.84	0.97	0.00	0.97						0.00
Off-Road	18.49	40.58	30.02	0.05		1.94	1.94		1.94	1.94	0.00	5,240.06		0.53		5,251.29
Total	**18.49**	**40.58**	**30.02**	**0.05**	**1.84**	**1.94**	**3.78**	**0.97**	**1.94**	**2.91**	**0.00**	**5,240.06**		**0.53**		**5,251.29**

3.3 Grading - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.09	0.09	0.87	0.00	0.23	0.01	0.24	0.01	0.01	0.02		167.36		0.01		167.55
Total	**0.09**	**0.09**	**0.87**	**0.00**	**0.23**	**0.01**	**0.24**	**0.01**	**0.01**	**0.02**		**167.36**		**0.01**		**167.55**

3.4 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.74	32.06	23.20	0.04		2.02	2.02		2.02	2.02		4,040.61		0.42		4,049.51
Total	**4.74**	**32.06**	**23.20**	**0.04**		**2.02**	**2.02**		**2.02**	**2.02**		**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.82	8.83	6.27	0.02	0.56	0.28	0.84	0.04	0.28	0.32		1,612.75		0.04		1,613.61
Worker	1.53	1.60	15.15	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,900.86		0.16		2,904.15
Total	**2.35**	**10.43**	**21.42**	**0.05**	**4.55**	**0.41**	**4.96**	**0.19**	**0.41**	**0.60**		**4,513.61**		**0.20**		**4,517.76**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	15.26	32.59	24.94	0.04		1.79	1.79		1.79	1.79	0.00	4,040.61		0.42		4,049.51
Total	**15.26**	**32.59**	**24.94**	**0.04**		**1.79**	**1.79**		**1.79**	**1.79**	**0.00**	**4,040.61**		**0.42**		**4,049.51**

3.4 Building Construction - 2014

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.82	8.83	6.27	0.02	0.56	0.28	0.84	0.04	0.28	0.32		1,612.75		0.04		1,613.61
Worker	1.53	1.60	15.15	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,900.86		0.16		2,904.15
Total	**2.35**	**10.43**	**21.42**	**0.05**	**4.55**	**0.41**	**4.96**	**0.19**	**0.41**	**0.60**		**4,513.61**		**0.20**		**4,517.76**

3.4 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	4.34	29.16	22.98	0.04		1.80	1.80		1.80	1.80		4,040.61		0.39		4,048.81
Total	**4.34**	**29.16**	**22.98**	**0.04**		**1.80**	**1.80**		**1.80**	**1.80**		**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	7.97	5.80	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,617.84		0.04		1,618.63
Worker	1.44	1.46	13.95	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,836.25		0.15		2,839.31
Total	**2.19**	**9.43**	**19.75**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,454.09**		**0.19**		**4,457.94**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	15.26	32.59	24.94	0.04		1.79	1.79		1.79	1.79	0.00	4,040.61		0.39		4,048.81
Total	**15.26**	**32.59**	**24.94**	**0.04**		**1.79**	**1.79**		**1.79**	**1.79**	**0.00**	**4,040.61**		**0.39**		**4,048.81**

3.4 Building Construction - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.75	7.97	5.80	0.02	0.56	0.25	0.81	0.04	0.25	0.29		1,617.84		0.04		1,618.63
Worker	1.44	1.46	13.95	0.03	3.99	0.13	4.12	0.15	0.13	0.28		2,836.25		0.15		2,839.31
Total	**2.19**	**9.43**	**19.75**	**0.05**	**4.55**	**0.38**	**4.93**	**0.19**	**0.38**	**0.57**		**4,454.09**		**0.19**		**4,457.94**

3.5 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	81.13					0.00	0.00		0.00	0.00						0.00
Off-Road	0.41	2.57	1.90	0.00		0.22	0.22		0.22	0.22		281.19		0.04		281.96
Total	**81.54**	**2.57**	**1.90**	**0.00**		**0.22**	**0.22**		**0.22**	**0.22**		**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.29	0.29	2.79	0.01	0.80	0.03	0.82	0.03	0.03	0.06		567.25		0.03		567.86
Total	**0.29**	**0.29**	**2.79**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**567.25**		**0.03**		**567.86**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	81.13					0.00	0.00		0.00	0.00						0.00
Off-Road	1.43	2.42	1.83	0.00		0.15	0.15		0.15	0.15	0.00	281.19		0.04		281.96
Total	**82.56**	**2.42**	**1.83**	**0.00**		**0.15**	**0.15**		**0.15**	**0.15**	**0.00**	**281.19**		**0.04**		**281.96**

3.5 Architectural Coating - 2015

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00		0.00
Worker	0.29	0.29	2.79	0.01	0.80	0.03	0.82	0.03	0.03	0.06		567.25		0.03		567.86
Total	**0.29**	**0.29**	**2.79**	**0.01**	**0.80**	**0.03**	**0.82**	**0.03**	**0.03**	**0.06**		**567.25**		**0.03**		**567.86**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.99	15.07	72.10	0.15	17.50	0.70	18.20	0.59	0.70	1.29		13,670.01		0.57		13,682.05
Unmitigated	8.01	15.14	72.38	0.15	17.58	0.70	18.29	0.59	0.70	1.30		13,734.86		0.58		13,746.95
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,596.00	1,596.00	1596.00	5,315,597	5,289,942
Parking Structure	0.00	0.00	0.00		
Total	1,596.00	1,596.00	1,596.00	5,315,597	5,289,942

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	12.70	7.00	9.50	40.20	19.20	40.60
Parking Structure	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
NaturalGas Unmitigated	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	12379.1	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.13**	**1.14**	**0.49**	**0.01**		**0.00**	**0.09**		**0.00**	**0.09**		**1,456.37**		**0.03**	**0.03**	**1,465.23**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
Apartments Low Rise	12.3791	0.13	1.14	0.49	0.01		0.00	0.09		0.00	0.09		1,456.37		0.03	0.03	1,465.23
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00	0.00	0.00
Total		**0.13**	**1.14**	**0.49**	**0.01**		**0.00**	**0.09**		**0.00**	**0.09**		**1,456.37**		**0.03**	**0.03**	**1,465.23**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	10.77	0.23	19.83	0.00		0.00	0.11		0.00	0.11	0.00	35.02		0.03	0.00	35.75
Unmitigated	10.80	0.24	20.32	0.00		0.00	0.11		0.00	0.11	0.00	36.09		0.04	0.00	36.86
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.78					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.64	0.24	20.32	0.00		0.00	0.11		0.00	0.11		36.09		0.04		36.86
Total	**10.81**	**0.24**	**20.32**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**36.09**		**0.04**	**0.00**	**36.86**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.78					0.00	0.00		0.00	0.00						0.00
Consumer Products	8.39					0.00	0.00		0.00	0.00						0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00		0.00	0.00	0.00
Landscaping	0.61	0.23	19.83	0.00		0.00	0.11		0.00	0.11		35.02		0.03		35.75
Total	**10.78**	**0.23**	**19.83**	**0.00**		**0.00**	**0.11**		**0.00**	**0.11**	**0.00**	**35.02**		**0.03**	**0.00**	**35.75**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Vegetation

125 Baker Street - Existing

Orange County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	62	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics - Existing operational emissions only. No construction

Land Use - Based on Project information

Construction Phase - No construction, only operational emissions. Building is existing.

Off-road Equipment - No construction, only operational emissions

Area Coating -

Energy Use -

Vehicle Trips - Based on 74% occupancy

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Mobile	2.69	5.27	28.05	0.05	5.34	0.22	5.56	0.18	0.22	0.40		4,779.06		0.23		4,783.98
Total	**4.33**	**5.43**	**28.18**	**0.05**	**5.34**	**0.22**	**5.57**	**0.18**	**0.22**	**0.41**		**4,970.71**		**0.23**	**0.00**	**4,976.79**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Mobile	2.69	5.27	28.05	0.05	5.34	0.22	5.56	0.18	0.22	0.40		4,779.06		0.23		4,783.98
Total	**4.33**	**5.43**	**28.18**	**0.05**	**5.34**	**0.22**	**5.57**	**0.18**	**0.22**	**0.41**		**4,970.71**		**0.23**	**0.00**	**4,976.79**

3.0 Construction Detail

3.1 Mitigation Measures Construction

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.69	5.27	28.05	0.05	5.34	0.22	5.56	0.18	0.22	0.40		4,779.06		0.23		4,783.98
Unmitigated	2.69	5.27	28.05	0.05	5.34	0.22	5.56	0.18	0.22	0.40		4,779.06		0.23		4,783.98
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	505.92	505.92	505.92	1,615,650	1,615,650
Total	505.92	505.92	505.92	1,615,650	1,615,650

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
NaturalGas Unmitigated	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	1628.99	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Total		**0.02**	**0.16**	**0.13**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**191.65**		**0.00**	**0.00**	**192.81**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	1.62899	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Total		**0.02**	**0.16**	**0.13**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**191.65**		**0.00**	**0.00**	**192.81**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.23					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**1.62**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.23					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**1.62**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

125 Baker Street - Existing

Orange County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	62	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics - Existing operational emissions only. No construction

Land Use - Based on Project information

Construction Phase - No construction, only operational emissions. Building is existing.

Off-road Equipment - No construction, only operational emissions

Area Coating -

Energy Use -

Vehicle Trips - Based on 74% occupancy

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Mobile	2.89	5.78	27.44	0.04	5.34	0.22	5.56	0.18	0.22	0.40		4,508.26		0.19		4,512.23
Total	**4.53**	**5.94**	**27.57**	**0.04**	**5.34**	**0.22**	**5.57**	**0.18**	**0.22**	**0.41**		**4,699.91**		**0.19**	**0.00**	**4,705.04**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Energy	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Mobile	2.89	5.78	27.44	0.04	5.34	0.22	5.56	0.18	0.22	0.40		4,508.26		0.19		4,512.23
Total	**4.53**	**5.94**	**27.57**	**0.04**	**5.34**	**0.22**	**5.57**	**0.18**	**0.22**	**0.41**		**4,699.91**		**0.19**	**0.00**	**4,705.04**

3.0 Construction Detail

3.1 Mitigation Measures Construction

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.89	5.78	27.44	0.04	5.34	0.22	5.56	0.18	0.22	0.40		4,508.26		0.19		4,512.23
Unmitigated	2.89	5.78	27.44	0.04	5.34	0.22	5.56	0.18	0.22	0.40		4,508.26		0.19		4,512.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	505.92	505.92	505.92	1,615,650	1,615,650
Total	505.92	505.92	505.92	1,615,650	1,615,650

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
NaturalGas Unmitigated	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	1628.99	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Total		**0.02**	**0.16**	**0.13**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**191.65**		**0.00**	**0.00**	**192.81**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	lb/day										lb/day					
General Office Building	1.62899	0.02	0.16	0.13	0.00		0.00	0.01		0.00	0.01		191.65		0.00	0.00	192.81
Total		**0.02**	**0.16**	**0.13**	**0.00**		**0.00**	**0.01**		**0.00**	**0.01**		**191.65**		**0.00**	**0.00**	**192.81**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Unmitigated	1.62	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.23					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**1.62**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.39					0.00	0.00		0.00	0.00						0.00
Consumer Products	1.23					0.00	0.00		0.00	0.00						0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00		0.00		0.00		0.00
Total	**1.62**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**		**0.00**		**0.00**		**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Vegetation

Appendix E GHG Summary and CalEEMod Output

125 Baker Street Apartments
GHG Emissions

Notes:

1. Due to regulatory requirements, such as the 20% reduction in water usage from Title 24, and the State 50% reduction in waste generation, the Unmitigated emissions for the Project are taken from the "mitigated" scenario. This is because the regulatory requirements are not accounted for in the unmitigated calculations.

2. The existing building is at a 74% occupancy. Emissions are calculated based on the square footage. Since only 74% of the building is occupied, the unmitigated emissiosn were reduced by 74% from what was reported in CalEEMod. Further, as the building was constructed before 2005, the "Historic emission factors were used to calculate the emissions. Because the Traffic Study assumed only 74% occupancy in their calculation of trips, the emissions from mobile sources were not reduced from what was presented in CalEEMod.

3. To determine the true annual emissions of a Project, the SCAQMD recommends adding the amortized construction emissions to the operational emissions. Therefore, the total construction emissions are divided by 30 (the anticipated lifetime of a building).

Construction:

	CO_2	CH_4	N_20	CO_2e
2014	609.57	0.05	0	610.59
2015	710.96	0.05	0	711.97
Total Project	1320.53	0.10	0.00	1322.56
Amortized over 30 years				44.09

125 Baker Street Apartments
GHG Emissions

Operational:

	CO_2	CH_4	N_20	CO_2e
Project				
Area	5.79	0.01	0.00	5.91
Energy	488.21	0.02	0.01	491.23
Mobile	2,299.60	0.09	0.00	2,301.59
Waste	11.21	0.66	0.00	25.11
Water	73.01	0.39	0.01	84.42
Total	2,877.82	1.17	0.02	2,908.26
Existing				
Area	0.00	0.00	0.00	0.00
Energy	231.93	0.01	0.01	233.38
Mobile	758.55	0.03	0.00	759.21
Waste	8.66	0.51	0.00	19.41
Water	47.12	0.25	0.01	54.56
Total	1,046.26	0.80	0.01	1,066.56
Net Emissions				
Area	5.79	0.01	0.00	5.91
Energy	256.28	0.01	0.00	257.85
Mobile	1,541.05	0.06	0.00	1,542.38
Waste	2.55	0.15	0.00	5.70
Water	25.89	0.14	0.00	29.86
Total Operational	1,831.56	0.37	0.01	1,841.70
Amortized Construction				44.09
Total Project Emissions				1,885.78
Significance Threshold:				**3,000.00**
Significant?				**No**

125 Baker Street - Project - Mitigated construction

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	240	Dwelling Unit
Parking Structure	207.35	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics - Mitigated Construction Scenario to account for reduced VOC in Architectural Coating.

Land Use - Based on project specific data.

Construction Phase - Based on Project specific schedule

Demolition - Project specific Data

Vehicle Trips - Mitigated Construction Only

Woodstoves - Mitigated construction only

Construction Off-road Equipment Mitigation - Based on 4 waterings a day

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Architectural Coating - Reduced VOC content to reduce emissions. - Mitigation

Area Coating - Mitigated Construction Only

Landscape Equipment - mitigated construction only

Energy Use - mitigated construction only

Water And Wastewater - Mitigated construction only

Solid Waste - mitigated construction only

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2014	0.60	4.04	3.54	0.01	0.43	0.22	0.65	0.05	0.22	0.27	0.00	609.57	609.57	0.05	0.00	610.59
2015	3.26	3.44	3.94	0.01	0.39	0.20	0.59	0.02	0.20	0.22	0.00	710.96	710.96	0.05	0.00	711.97
Total	**3.86**	**7.48**	**7.48**	**0.02**	**0.82**	**0.42**	**1.24**	**0.07**	**0.42**	**0.49**	**0.00**	**1,320.53**	**1,320.53**	**0.10**	**0.00**	**1,322.56**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2014	0.46	2.60	3.63	0.01	0.37	0.15	0.51	0.02	0.15	0.17	0.00	609.57	609.57	0.05	0.00	610.59
2015	3.18	2.64	4.11	0.01	0.39	0.16	0.55	0.02	0.16	0.17	0.00	710.96	710.96	0.05	0.00	711.97
Total	**3.64**	**5.24**	**7.74**	**0.02**	**0.76**	**0.31**	**1.06**	**0.04**	**0.31**	**0.34**	**0.00**	**1,320.53**	**1,320.53**	**0.10**	**0.00**	**1,322.56**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.53	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.53**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.53	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Waste						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.53**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use DPF for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.17	1.32	0.82	0.00		0.06	0.06		0.06	0.06	0.00	136.24	136.24	0.01	0.00	136.52
Total	**0.17**	**1.32**	**0.82**	**0.00**	**0.03**	**0.06**	**0.09**	**0.00**	**0.06**	**0.06**	**0.00**	**136.24**	**136.24**	**0.01**	**0.00**	**136.52**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.01	0.06	0.04	0.00	0.12	0.00	0.12	0.00	0.00	0.00	0.00	10.44	10.44	0.00	0.00	10.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	3.10	0.00	0.00	3.11
Total	**0.01**	**0.06**	**0.06**	**0.00**	**0.12**	**0.00**	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	**13.54**	**13.54**	**0.00**	**0.00**	**13.55**

3.2 Demolition - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.11	0.70	0.81	0.00		0.04	0.04		0.04	0.04	0.00	136.24	136.24	0.01	0.00	136.52
Total	**0.11**	**0.70**	**0.81**	**0.00**	**0.01**	**0.04**	**0.05**	**0.00**	**0.04**	**0.04**	**0.00**	**136.24**	**136.24**	**0.01**	**0.00**	**136.52**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.01	0.06	0.04	0.00	0.12	0.00	0.12	0.00	0.00	0.00	0.00	10.44	10.44	0.00	0.00	10.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	3.10	0.00	0.00	3.11
Total	**0.01**	**0.06**	**0.06**	**0.00**	**0.12**	**0.00**	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	**13.54**	**13.54**	**0.00**	**0.00**	**13.55**

3.3 Grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.06	0.00	0.06	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.46	0.30	0.00		0.02	0.02		0.02	0.02	0.00	47.52	47.52	0.00	0.00	47.63
Total	**0.06**	**0.46**	**0.30**	**0.00**	**0.06**	**0.02**	**0.08**	**0.03**	**0.02**	**0.05**	**0.00**	**47.52**	**47.52**	**0.00**	**0.00**	**47.63**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	1.55	0.00	0.00	1.55
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.55**	**1.55**	**0.00**	**0.00**	**1.55**

3.3 Grading - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.02	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.04	0.25	0.30	0.00		0.01	0.01		0.01	0.01	0.00	47.52	47.52	0.00	0.00	47.63
Total	**0.04**	**0.25**	**0.30**	**0.00**	**0.02**	**0.01**	**0.03**	**0.01**	**0.01**	**0.02**	**0.00**	**47.52**	**47.52**	**0.00**	**0.00**	**47.63**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	1.55	0.00	0.00	1.55
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.55**	**1.55**	**0.00**	**0.00**	**1.55**

3.4 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.25	1.68	1.22	0.00		0.11	0.11		0.11	0.11	0.00	192.39	192.39	0.02	0.00	192.81
Total	**0.25**	**1.68**	**1.22**	**0.00**		**0.11**	**0.11**		**0.11**	**0.11**	**0.00**	**192.39**	**192.39**	**0.02**	**0.00**	**192.81**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.44	0.32	0.00	0.03	0.01	0.04	0.00	0.01	0.02	0.00	77.08	77.08	0.00	0.00	77.12
Worker	0.07	0.08	0.81	0.00	0.19	0.01	0.20	0.01	0.01	0.01	0.00	141.25	141.25	0.01	0.00	141.41
Total	**0.11**	**0.52**	**1.13**	**0.00**	**0.22**	**0.02**	**0.24**	**0.01**	**0.02**	**0.03**	**0.00**	**218.33**	**218.33**	**0.01**	**0.00**	**218.53**

3.4 Building Construction - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.19	1.08	1.31	0.00		0.07	0.07		0.07	0.07	0.00	192.39	192.39	0.02	0.00	192.81
Total	**0.19**	**1.08**	**1.31**	**0.00**		**0.07**	**0.07**		**0.07**	**0.07**	**0.00**	**192.39**	**192.39**	**0.02**	**0.00**	**192.81**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.44	0.32	0.00	0.03	0.01	0.04	0.00	0.01	0.02	0.00	77.08	77.08	0.00	0.00	77.12
Worker	0.07	0.08	0.81	0.00	0.19	0.01	0.20	0.01	0.01	0.01	0.00	141.25	141.25	0.01	0.00	141.41
Total	**0.11**	**0.52**	**1.13**	**0.00**	**0.22**	**0.02**	**0.24**	**0.01**	**0.02**	**0.03**	**0.00**	**218.33**	**218.33**	**0.01**	**0.00**	**218.53**

3.4 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.38	2.55	2.01	0.00		0.16	0.16		0.16	0.16	0.00	320.65	320.65	0.03	0.00	321.30
Total	**0.38**	**2.55**	**2.01**	**0.00**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**320.65**	**320.65**	**0.03**	**0.00**	**321.30**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.66	0.49	0.00	0.04	0.02	0.07	0.00	0.02	0.03	0.00	128.89	128.89	0.00	0.00	128.95
Worker	0.12	0.11	1.25	0.00	0.32	0.01	0.33	0.01	0.01	0.02	0.00	230.17	230.17	0.01	0.00	230.42
Total	**0.18**	**0.77**	**1.74**	**0.00**	**0.36**	**0.03**	**0.40**	**0.01**	**0.03**	**0.05**	**0.00**	**359.06**	**359.06**	**0.01**	**0.00**	**359.37**

3.4 Building Construction - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.31	1.80	2.18	0.00		0.12	0.12		0.12	0.12	0.00	320.65	320.65	0.03	0.00	321.30
Total	**0.31**	**1.80**	**2.18**	**0.00**		**0.12**	**0.12**		**0.12**	**0.12**	**0.00**	**320.65**	**320.65**	**0.03**	**0.00**	**321.30**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.66	0.49	0.00	0.04	0.02	0.07	0.00	0.02	0.03	0.00	128.89	128.89	0.00	0.00	128.95
Worker	0.12	0.11	1.25	0.00	0.32	0.01	0.33	0.01	0.01	0.02	0.00	230.17	230.17	0.01	0.00	230.42
Total	**0.18**	**0.77**	**1.74**	**0.00**	**0.36**	**0.03**	**0.40**	**0.01**	**0.03**	**0.05**	**0.00**	**359.06**	**359.06**	**0.01**	**0.00**	**359.37**

3.5 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.67					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.10	0.08	0.00		0.01	0.01		0.01	0.01	0.00	10.20	10.20	0.00	0.00	10.23
Total	**2.69**	**0.10**	**0.08**	**0.00**		**0.01**	**0.01**		**0.01**	**0.01**	**0.00**	**10.20**	**10.20**	**0.00**	**0.00**	**10.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	21.04	21.04	0.00	0.00	21.07
Total	**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**21.04**	**21.04**	**0.00**	**0.00**	**21.07**

3.5 Architectural Coating - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.67					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.01	0.06	0.07	0.00		0.00	0.00		0.00	0.00	0.00	10.20	10.20	0.00	0.00	10.23
Total	**2.68**	**0.06**	**0.07**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**10.20**	**10.20**	**0.00**	**0.00**	**10.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	21.04	21.04	0.00	0.00	21.07
Total	**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**21.04**	**21.04**	**0.00**	**0.00**	**21.07**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	0.00	0.00	0.00		
Parking Structure	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	0.00	7.00	9.50	40.20	19.20	40.60
Parking Structure	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NaturalGas Mitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NaturalGas Unmitigated	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
Apartments Low Rise	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
Apartments Low Rise	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		**0.00**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	0					0.00	0.00	0.00	0.00
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	0					0.00	0.00	0.00	0.00
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.53	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated	1.53	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.53					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.53**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.00					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.53					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping						0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**1.53**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					0.00	0.00	0.00	0.00
Unmitigated					0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	0 / 0					0.00	0.00	0.00	0.00
Parking Structure	0 / 0					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	0 / 0					0.00	0.00	0.00	0.00
Parking Structure	0 / 0					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					0.00	0.00	0.00	0.00
Unmitigated					0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	0					0.00	0.00	0.00	0.00
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	0					0.00	0.00	0.00	0.00
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**0.00**	**0.00**	**0.00**	**0.00**

9.0 Vegetation

125 Baker Street - Project

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
Apartments Low Rise	240	Dwelling Unit
Parking Structure	207.35	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics -

Land Use - Based on project specific data.

Construction Phase - Based on Project specific schedule

Demolition - Project specific Data

Vehicle Trips - Based on Traffic Study

Woodstoves - No fireplaces or wood stoves.

Construction Off-road Equipment Mitigation - Based on 4 waterings a day

Mobile Land Use Mitigation -

Area Mitigation -

Water Mitigation -

Waste Mitigation -

Architectural Coating -

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2014	0.60	4.04	3.54	0.01	0.43	0.22	0.65	0.05	0.22	0.27	0.00	609.57	609.57	0.05	0.00	610.59
2015	3.83	3.44	3.94	0.01	0.39	0.20	0.59	0.02	0.20	0.22	0.00	710.96	710.96	0.05	0.00	711.97
Total	**4.43**	**7.48**	**7.48**	**0.02**	**0.82**	**0.42**	**1.24**	**0.07**	**0.42**	**0.49**	**0.00**	**1,320.53**	**1,320.53**	**0.10**	**0.00**	**1,322.56**

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2014	1.61	3.83	3.63	0.01	0.37	0.19	0.56	0.02	0.19	0.21	0.00	609.57	609.57	0.05	0.00	610.59
2015	4.83	3.73	4.11	0.01	0.39	0.20	0.59	0.02	0.20	0.21	0.00	710.96	710.96	0.05	0.00	711.97
Total	**6.44**	**7.56**	**7.74**	**0.02**	**0.76**	**0.39**	**1.15**	**0.04**	**0.39**	**0.42**	**0.00**	**1,320.53**	**1,320.53**	**0.10**	**0.00**	**1,322.56**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.97	0.04	3.70	0.00		0.00	0.02		0.00	0.02	0.00	5.97	5.97	0.01	0.00	6.10
Energy	0.02	0.21	0.09	0.00		0.00	0.02		0.00	0.02	0.00	488.21	488.21	0.02	0.01	491.23
Mobile	1.35	2.54	13.40	0.03	2.89	0.13	3.02	0.11	0.13	0.24	0.00	2,310.51	2,310.51	0.09	0.00	2,312.51
Waste						0.00	0.00		0.00	0.00	22.41	0.00	22.41	1.32	0.00	50.22
Water						0.00	0.00		0.00	0.00	0.00	91.26	91.26	0.48	0.01	105.52
Total	**3.34**	**2.79**	**17.19**	**0.03**	**2.89**	**0.13**	**3.06**	**0.11**	**0.13**	**0.28**	**22.41**	**2,895.95**	**2,918.36**	**1.92**	**0.02**	**2,965.58**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.97	0.04	3.62	0.00		0.00	0.02		0.00	0.02	0.00	5.79	5.79	0.01	0.00	5.91
Energy	0.02	0.21	0.09	0.00		0.00	0.02		0.00	0.02	0.00	488.21	488.21	0.02	0.01	491.23
Mobile	1.35	2.53	13.35	0.03	2.88	0.13	3.01	0.11	0.13	0.23	0.00	2,299.60	2,299.60	0.09	0.00	2,301.59
Waste						0.00	0.00		0.00	0.00	11.21	0.00	11.21	0.66	0.00	25.11
Water						0.00	0.00		0.00	0.00	0.00	73.01	73.01	0.39	0.01	84.42
Total	**3.34**	**2.78**	**17.06**	**0.03**	**2.88**	**0.13**	**3.05**	**0.11**	**0.13**	**0.27**	**11.21**	**2,866.61**	**2,877.82**	**1.17**	**0.02**	**2,908.26**

3.0 Construction Detail

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Use Soil Stabilizer

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demolition - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.17	1.32	0.82	0.00		0.06	0.06		0.06	0.06	0.00	136.24	136.24	0.01	0.00	136.52
Total	**0.17**	**1.32**	**0.82**	**0.00**	**0.03**	**0.06**	**0.09**	**0.00**	**0.06**	**0.06**	**0.00**	**136.24**	**136.24**	**0.01**	**0.00**	**136.52**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.01	0.06	0.04	0.00	0.12	0.00	0.12	0.00	0.00	0.00	0.00	10.44	10.44	0.00	0.00	10.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	3.10	0.00	0.00	3.11
Total	**0.01**	**0.06**	**0.06**	**0.00**	**0.12**	**0.00**	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	**13.54**	**13.54**	**0.00**	**0.00**	**13.55**

3.2 Demolition - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.50	1.13	0.81	0.00		0.05	0.05		0.05	0.05	0.00	136.24	136.24	0.01	0.00	136.52
Total	**0.50**	**1.13**	**0.81**	**0.00**	**0.01**	**0.05**	**0.06**	**0.00**	**0.05**	**0.05**	**0.00**	**136.24**	**136.24**	**0.01**	**0.00**	**136.52**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.01	0.06	0.04	0.00	0.12	0.00	0.12	0.00	0.00	0.00	0.00	10.44	10.44	0.00	0.00	10.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	3.10	0.00	0.00	3.11
Total	**0.01**	**0.06**	**0.06**	**0.00**	**0.12**	**0.00**	**0.12**	**0.00**	**0.00**	**0.00**	**0.00**	**13.54**	**13.54**	**0.00**	**0.00**	**13.55**

3.3 Grading - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.06	0.00	0.06	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.46	0.30	0.00		0.02	0.02		0.02	0.02	0.00	47.52	47.52	0.00	0.00	47.63
Total	**0.06**	**0.46**	**0.30**	**0.00**	**0.06**	**0.02**	**0.08**	**0.03**	**0.02**	**0.05**	**0.00**	**47.52**	**47.52**	**0.00**	**0.00**	**47.63**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	1.55	0.00	0.00	1.55
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.55**	**1.55**	**0.00**	**0.00**	**1.55**

3.3 Grading - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.02	0.00	0.02	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.18	0.41	0.30	0.00		0.02	0.02		0.02	0.02	0.00	47.52	47.52	0.00	0.00	47.63
Total	**0.18**	**0.41**	**0.30**	**0.00**	**0.02**	**0.02**	**0.04**	**0.01**	**0.02**	**0.03**	**0.00**	**47.52**	**47.52**	**0.00**	**0.00**	**47.63**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.55	1.55	0.00	0.00	1.55
Total	**0.00**	**0.00**	**0.01**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.55**	**1.55**	**0.00**	**0.00**	**1.55**

3.4 Building Construction - 2014

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.25	1.68	1.22	0.00		0.11	0.11		0.11	0.11	0.00	192.39	192.39	0.02	0.00	192.81
Total	**0.25**	**1.68**	**1.22**	**0.00**		**0.11**	**0.11**		**0.11**	**0.11**	**0.00**	**192.39**	**192.39**	**0.02**	**0.00**	**192.81**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.44	0.32	0.00	0.03	0.01	0.04	0.00	0.01	0.02	0.00	77.08	77.08	0.00	0.00	77.12
Worker	0.07	0.08	0.81	0.00	0.19	0.01	0.20	0.01	0.01	0.01	0.00	141.25	141.25	0.01	0.00	141.41
Total	**0.11**	**0.52**	**1.13**	**0.00**	**0.22**	**0.02**	**0.24**	**0.01**	**0.02**	**0.03**	**0.00**	**218.33**	**218.33**	**0.01**	**0.00**	**218.53**

3.4 Building Construction - 2014

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.80	1.71	1.31	0.00		0.09	0.09		0.09	0.09	0.00	192.39	192.39	0.02	0.00	192.81
Total	**0.80**	**1.71**	**1.31**	**0.00**		**0.09**	**0.09**		**0.09**	**0.09**	**0.00**	**192.39**	**192.39**	**0.02**	**0.00**	**192.81**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.04	0.44	0.32	0.00	0.03	0.01	0.04	0.00	0.01	0.02	0.00	77.08	77.08	0.00	0.00	77.12
Worker	0.07	0.08	0.81	0.00	0.19	0.01	0.20	0.01	0.01	0.01	0.00	141.25	141.25	0.01	0.00	141.41
Total	**0.11**	**0.52**	**1.13**	**0.00**	**0.22**	**0.02**	**0.24**	**0.01**	**0.02**	**0.03**	**0.00**	**218.33**	**218.33**	**0.01**	**0.00**	**218.53**

3.4 Building Construction - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.38	2.55	2.01	0.00		0.16	0.16		0.16	0.16	0.00	320.65	320.65	0.03	0.00	321.30
Total	**0.38**	**2.55**	**2.01**	**0.00**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**320.65**	**320.65**	**0.03**	**0.00**	**321.30**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.66	0.49	0.00	0.04	0.02	0.07	0.00	0.02	0.03	0.00	128.89	128.89	0.00	0.00	128.95
Worker	0.12	0.11	1.25	0.00	0.32	0.01	0.33	0.01	0.01	0.02	0.00	230.17	230.17	0.01	0.00	230.42
Total	**0.18**	**0.77**	**1.74**	**0.00**	**0.36**	**0.03**	**0.40**	**0.01**	**0.03**	**0.05**	**0.00**	**359.06**	**359.06**	**0.01**	**0.00**	**359.37**

3.4 Building Construction - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.34	2.85	2.18	0.00		0.16	0.16		0.16	0.16	0.00	320.65	320.65	0.03	0.00	321.30
Total	**1.34**	**2.85**	**2.18**	**0.00**		**0.16**	**0.16**		**0.16**	**0.16**	**0.00**	**320.65**	**320.65**	**0.03**	**0.00**	**321.30**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.06	0.66	0.49	0.00	0.04	0.02	0.07	0.00	0.02	0.03	0.00	128.89	128.89	0.00	0.00	128.95
Worker	0.12	0.11	1.25	0.00	0.32	0.01	0.33	0.01	0.01	0.02	0.00	230.17	230.17	0.01	0.00	230.42
Total	**0.18**	**0.77**	**1.74**	**0.00**	**0.36**	**0.03**	**0.40**	**0.01**	**0.03**	**0.05**	**0.00**	**359.06**	**359.06**	**0.01**	**0.00**	**359.37**

3.5 Architectural Coating - 2015

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.25					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.02	0.10	0.08	0.00		0.01	0.01		0.01	0.01	0.00	10.20	10.20	0.00	0.00	10.23
Total	**3.27**	**0.10**	**0.08**	**0.00**		**0.01**	**0.01**		**0.01**	**0.01**	**0.00**	**10.20**	**10.20**	**0.00**	**0.00**	**10.23**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	21.04	21.04	0.00	0.00	21.07
Total	**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**21.04**	**21.04**	**0.00**	**0.00**	**21.07**

3.5 Architectural Coating - 2015

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	3.25					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road	0.06	0.10	0.07	0.00		0.01	0.01		0.01	0.01	0.00	10.20	10.20	0.00	0.00	10.23
Total	**3.31**	**0.10**	**0.07**	**0.00**		**0.01**	**0.01**		**0.01**	**0.01**	**0.00**	**10.20**	**10.20**	**0.00**	**0.00**	**10.23**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker	0.01	0.01	0.11	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	21.04	21.04	0.00	0.00	21.07
Total	**0.01**	**0.01**	**0.11**	**0.00**	**0.03**	**0.00**	**0.03**	**0.00**	**0.00**	**0.00**	**0.00**	**21.04**	**21.04**	**0.00**	**0.00**	**21.07**

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

Increase Density

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.35	2.53	13.35	0.03	2.88	0.13	3.01	0.11	0.13	0.23	0.00	2,299.60	2,299.60	0.09	0.00	2,301.59
Unmitigated	1.35	2.54	13.40	0.03	2.89	0.13	3.02	0.11	0.13	0.24	0.00	2,310.51	2,310.51	0.09	0.00	2,312.51
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	1,596.00	1,596.00	1596.00	5,315,597	5,289,942
Parking Structure	0.00	0.00	0.00		
Total	1,596.00	1,596.00	1,596.00	5,315,597	5,289,942

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
Apartments Low Rise	12.70	7.00	9.50	40.20	19.20	40.60
Parking Structure	8.90	13.30	7.40	0.00	0.00	0.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00	0.00	247.09	247.09	0.01	0.00	248.64
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	247.09	247.09	0.01	0.00	248.64
NaturalGas Mitigated	0.02	0.21	0.09	0.00		0.00	0.02		0.00	0.02	0.00	241.12	241.12	0.00	0.00	242.59
NaturalGas Unmitigated	0.02	0.21	0.09	0.00		0.00	0.02		0.00	0.02	0.00	241.12	241.12	0.00	0.00	242.59
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
Apartments Low Rise	4.51839e+006	0.02	0.21	0.09	0.00		0.00	0.02		0.00	0.02	0.00	241.12	241.12	0.00	0.00	242.59
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		**0.02**	**0.21**	**0.09**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**	**0.00**	**241.12**	**241.12**	**0.00**	**0.00**	**242.59**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
Apartments Low Rise	4.51839e+006	0.02	0.21	0.09	0.00		0.00	0.02		0.00	0.02	0.00	241.12	241.12	0.00	0.00	242.59
Parking Structure	0	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		**0.02**	**0.21**	**0.09**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**	**0.00**	**241.12**	**241.12**	**0.00**	**0.00**	**242.59**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	849499					247.09	0.01	0.00	248.64
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**247.09**	**0.01**	**0.00**	**248.64**

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
Apartments Low Rise	849499					247.09	0.01	0.00	248.64
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**247.09**	**0.01**	**0.00**	**248.64**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.97	0.04	3.62	0.00		0.00	0.02		0.00	0.02	0.00	5.79	5.79	0.01	0.00	5.91
Unmitigated	1.97	0.04	3.70	0.00		0.00	0.02		0.00	0.02	0.00	5.97	5.97	0.01	0.00	6.10
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.32					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.53					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.12	0.04	3.70	0.00		0.00	0.02		0.00	0.02	0.00	5.97	5.97	0.01	0.00	6.10
Total	**1.97**	**0.04**	**3.70**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**	**0.00**	**5.97**	**5.97**	**0.01**	**0.00**	**6.10**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.32					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	1.53					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.11	0.04	3.62	0.00		0.00	0.02		0.00	0.02	0.00	5.79	5.79	0.01	0.00	5.91
Total	**1.96**	**0.04**	**3.62**	**0.00**		**0.00**	**0.02**		**0.00**	**0.02**	**0.00**	**5.79**	**5.79**	**0.01**	**0.00**	**5.91**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					73.01	0.39	0.01	84.42
Unmitigated					91.26	0.48	0.01	105.52
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	15.637 / 9.85809					91.26	0.48	0.01	105.52
Parking Structure	0 / 0					0.00	0.00	0.00	0.00
Total						**91.26**	**0.48**	**0.01**	**105.52**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
Apartments Low Rise	12.5096 / 7.88647					73.01	0.39	0.01	84.42
Parking Structure	0 / 0					0.00	0.00	0.00	0.00
Total						**73.01**	**0.39**	**0.01**	**84.42**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					11.21	0.66	0.00	25.11
Unmitigated					22.41	1.32	0.00	50.22
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	110.4					22.41	1.32	0.00	50.22
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**22.41**	**1.32**	**0.00**	**50.22**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
Apartments Low Rise	55.2					11.21	0.66	0.00	25.11
Parking Structure	0					0.00	0.00	0.00	0.00
Total						**11.21**	**0.66**	**0.00**	**25.11**

9.0 Vegetation

125 Baker Street - Existing

Orange County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric
General Office Building	62	1000sqft

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Utility Company**	Southern California Edison
Climate Zone	8	**Precipitation Freq (Days)**	30		

1.3 User Entered Comments

Project Characteristics - Existing operational emissions only. No construction

Land Use - Based on Project information

Construction Phase - No construction, only operational emissions. Building is existing.

Off-road Equipment - No construction, only operational emissions

Area Coating -

Energy Use -

Vehicle Trips - Based on 74% occupancy

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.30	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	313.42	313.42	0.01	0.01	315.38
Mobile	0.49	0.97	5.08	0.01	0.88	0.04	0.92	0.03	0.04	0.07	0.00	758.55	758.55	0.03	0.00	759.21
Waste						0.00	0.00		0.00	0.00	11.70	0.00	11.70	0.69	0.00	26.23
Water						0.00	0.00		0.00	0.00	0.00	63.68	63.68	0.34	0.01	73.73
Total	**0.79**	**1.00**	**5.10**	**0.01**	**0.88**	**0.04**	**0.92**	**0.03**	**0.04**	**0.07**	**11.70**	**1,135.65**	**1,147.35**	**1.07**	**0.02**	**1,174.55**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.30	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Energy	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	313.42	313.42	0.01	0.01	315.38
Mobile	0.49	0.97	5.08	0.01	0.88	0.04	0.92	0.03	0.04	0.07	0.00	758.55	758.55	0.03	0.00	759.21
Waste						0.00	0.00		0.00	0.00	11.70	0.00	11.70	0.69	0.00	26.23
Water						0.00	0.00		0.00	0.00	0.00	63.68	63.68	0.34	0.01	73.73
Total	**0.79**	**1.00**	**5.10**	**0.01**	**0.88**	**0.04**	**0.92**	**0.03**	**0.04**	**0.07**	**11.70**	**1,135.65**	**1,147.35**	**1.07**	**0.02**	**1,174.55**

3.0 Construction Detail

3.1 Mitigation Measures Construction

4.0 Mobile Detail

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.49	0.97	5.08	0.01	0.88	0.04	0.92	0.03	0.04	0.07	0.00	758.55	758.55	0.03	0.00	759.21
Unmitigated	0.49	0.97	5.08	0.01	0.88	0.04	0.92	0.03	0.04	0.07	0.00	758.55	758.55	0.03	0.00	759.21
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	505.92	505.92	505.92	1,615,650	1,615,650
Total	505.92	505.92	505.92	1,615,650	1,615,650

4.3 Trip Type Information

	Miles			Trip %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW
General Office Building	8.90	13.30	7.40	33.00	48.00	19.00

5.0 Energy Detail

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.00	0.00		0.00	0.00	0.00	281.69	281.69	0.01	0.00	283.46
Electricity Unmitigated						0.00	0.00		0.00	0.00	0.00	281.69	281.69	0.01	0.00	283.46
NaturalGas Mitigated	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	31.73	31.73	0.00	0.00	31.92
NaturalGas Unmitigated	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	31.73	31.73	0.00	0.00	31.92
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
General Office Building	594580	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	31.73	31.73	0.00	0.00	31.92
Total		**0.00**	**0.03**	**0.02**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**31.73**	**31.73**	**0.00**	**0.00**	**31.92**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU	tons/yr										MT/yr					
General Office Building	594580	0.00	0.03	0.02	0.00		0.00	0.00		0.00	0.00	0.00	31.73	31.73	0.00	0.00	31.92
Total		**0.00**	**0.03**	**0.02**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**31.73**	**31.73**	**0.00**	**0.00**	**31.92**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
General Office Building	968440					281.69	0.01	0.00	283.46
Total						**281.69**	**0.01**	**0.00**	**283.46**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	kWh	tons/yr				MT/yr			
General Office Building	968440					281.69	0.01	0.00	283.46
Total						**281.69**	**0.01**	**0.00**	**283.46**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.30	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unmitigated	0.30	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.07					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.22					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.29**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.07					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.22					0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	**0.29**	**0.00**	**0.00**	**0.00**		**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

7.0 Water Detail

7.1 Mitigation Measures Water

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr				MT/yr			
Mitigated					63.68	0.34	0.01	73.73
Unmitigated					63.68	0.34	0.01	73.73
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
General Office Building	11.0195 / 6.75388					63.68	0.34	0.01	73.73
Total						**63.68**	**0.34**	**0.01**	**73.73**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	tons/yr				MT/yr			
General Office Building	11.0195 / 6.75388					63.68	0.34	0.01	73.73
Total						**63.68**	**0.34**	**0.01**	**73.73**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
	tons/yr				MT/yr			
Mitigated					11.70	0.69	0.00	26.23
Unmitigated					11.70	0.69	0.00	26.23
Total	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
General Office Building	57.66					11.70	0.69	0.00	26.23
Total						**11.70**	**0.69**	**0.00**	**26.23**

Mitigated

	Waste Disposed	ROG	NOx	CO	SO2	Total CO2	CH4	N2O	CO2e
Land Use	tons	tons/yr				MT/yr			
General Office Building	57.66					11.70	0.69	0.00	26.23
Total						**11.70**	**0.69**	**0.00**	**26.23**

9.0 Vegetation

Appendix F Health Risk Assumptions and Calculations

125 Baker Street Apartments

Health Risk Inputs

Source	2016 Emission Factor (g/s)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2
55 A (South of 73)	7.81E-04	0.000001	302	1	350	70	25,550	1.1	1,000,000
55 B (73 to 405)	2.23E-03	0.000001	302	1	350	70	25,550	1.1	1,000,000
55 C (North of 405)	3.00E-04	0.000001	302	1	350	70	25,550	1.1	1,000,000
55 Off ramp to Baker	2.95E-05	0.000001	302	1	350	70	25,550	1.1	1,000,000
55 On ramp from Baker	2.23E-05	0.000001	302	1	350	70	25,550	1.1	1,000,000
Baker E of 55	7.12E-05	0.000001	302	1	350	70	25,550	1.1	1,000,000
Baker W of 55	6.93E-05	0.000001	302	1	350	70	25,550	1.1	1,000,000
Pullman	1.19E-05	0.000001	302	1	350	70	25,550	1.1	1,000,000
Briggs	6.79E-07	0.000001	302	1	350	70	25,550	1.1	1,000,000

AERMOD Inputs

Met Data Costa Mesa Downloaded from SCAQMD website

csta6.plf Upper air

csta6.sfc surface air

UTM Coordinates (km)

414.16 N 3726.19 E

Elevation 20 meters

125 Baker Street Apartments

Health Risk Inputs

Line Source:

55 Roadway Speed 55 mph

Type	Line Volume		
Source ID:	55A		
Source Description:	Mesa Drive to the 73		
Configureation:	Adjacent		
Plum height (PH):	8.61	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height, + height above site)
Plume Width (PW):	44	meters	(width of roadway plus 6 meters)
Emission Rate:	1	g/sec	
Release Height:	7.05	meters	(1/2 plum height plus heigh above ground)

OFF Ramp Speed 35 mph

Type	Line Volume		
Source ID:	55off		
Source Description:	Freeway Offramp at Baker		
Configureation:	Adjacent		
Plum height (PH):	3.12	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height)
Plume Width (PW):	13.5	meters	
Emission Rate:	1	g/sec	
Release Height:	1.56	meters	(1/2 plum height)

125 Baker Street Apartments
Health Risk Inputs

On Ramp Speed 35 mph

Type	Line Volume		
Source ID:	55on		
Source Description:	Freeway Offramp at Baker		
Configureation:	Adjacent		
Plum height (PH):	3.12	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height)
Plume Width (PW):	13.5	meters	
Emission Rate:	1	g/sec	
Release Height:	1.56	meters	(1/2 plum height)

Baker West of 55 Speed limit 40 mph

Type	Line Volume		
Source ID:	Wbaker		
Source Description:	Freeway Offramp at Baker		
Configureation:	Adjacent		
Plum height (PH):	3.12	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height)
Plume Width (PW):	31	meters	
Emission Rate:	1	g/sec	
Release Height:	1.56	meters	(1/2 plum height)

125 Baker Street Apartments

Health Risk Inputs

Baker East of 55 Speed limit 40 mph

Type	Line Volume		
Source ID:	Ebaker		
Source Description:	Freeway Offramp at Baker		
Configureation:	Adjacent		
Plum height (PH):	3.12	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height)
Plume Width (PW):	31	meters	
Emission Rate:	1	g/sec	
Release Height:	1.56	meters	(1/2 plum height)

Pullman Street South of Baker Speed limit 35 mph

Type	Line Volume		
Source ID:	Pull		
Source Description:	Freeway Offramp at Baker		
Configureation:	Adjacent		
Plum height (PH):	3.12	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height)

125 Baker Street Apartments
Health Risk Inputs

Plume Width (PW):	24	meters	
Emission Rate:	1	g/sec	
Release Height:	1.56	meters	(1/2 plum height)

Briggs West of Pullman Speed limit 35 mph

Type	Line Volume		
Source ID:	Briggs		
Source Description:	Freeway Offramp at Baker		
Configureation:	Adjacent		
Plum height (PH):	3.12	meters	(car = 1.5 meters, truck = 3 meters, truck = 4% of vehicles, California 2x height)

Plume Width (PW):	24	meters	
Emission Rate:	1	g/sec	
Release Height:	1.56	meters	(1/2 plum height)

General Plan Buildout[1]	
Growth per year[2]	3.30%
% Trucks on Freeway[3,4]	4%
% Trucks that are Diesel[5]	52.77%
% non-trucks that are Diesel[5]	0.60%
Annual Traffic[3,4,5]	

125 Baker Street Apartments
Health Risk Inputs

		2016
	Vehicles[3]	
55	North of McArther Blvd	318765.2
	Between 405 and McArther	187024.6
	Between 405 and 73	181143.3
	Between 73 and Mesa Drive	179967.1
	Trucks[4]	
55	North of McArther Blvd	18488.38
	Between 405 and McArther	3927.517
	Between 405 and 73	6340.016
	Between 73 and Mesa Drive	6340.016
	Dsl Trucks[5]	
	North of McArther Blvd	9755.701
	Between 405 and McArther	2072.419
	Between 405 and 73	3345.415
	Between 73 and Mesa Drive	3345.415
	Cars	
55	North of McArther Blvd	300276.8
	Between 405 and McArther	183097.1
	Between 405 and 73	174803.3
	Between 73 and Mesa Drive	173627.1
	Diesel Cars[5]	
55	North of McArther Blvd	1787.53
	Between 405 and McArther	1089.966
	Between 405 and 73	1040.594
	Between 73 and Mesa Drive	1033.592

125 Baker Street Apartments
Health Risk Inputs

[1] General Plan

[2] Traffic Study

[3] California Department of Transportation. Annual Average Dail Traffic (AADT) for 2011. http://www.dot.ca.gov/hq/traffops/saferesr/trafdata/index.htm

[4] California Department of Transportation. Annual Average Daily Truck Traffic for 2011. http://www.dot.ca.gov/hq/traffops/saferesr/trafdata/index.htm

[5] EMFAC2011 - Non-Truck vs Truck VMT from the SG Database from orange County.

125 Baker Street Apartments

RISK Summary

Risk per million

Receptor #	Total Unmitigated	Mitigated	Non Cancer
1	20.18	8.48	0.012671
2	16.07	6.75	0.010090
3	14.00	5.89	0.008792
4	18.11	7.61	0.011373
5	20.21	8.49	0.012689
6	15.56	6.54	0.009769
7	14.37	6.04	0.009020
8	12.22	5.14	0.007674
9	22.28	9.37	0.013990
10	14.93	6.27	0.009371
11	20.42	8.58	0.012823
12	16.17	6.79	0.010150
13	20.89	8.78	0.013118
1st Maximum Receptor:	23.73	9.97	0.014900
2nd Maximum Receptor:	23.30	9.79	0.014632

Mitigation Measures:

1 Installation of a sealed HVAC system in conjunction with a MERVE 13 or higher rated filter; or similar filtration system such that it is demonstrated that a 57.97% reduction in particulate matter is achieved.

2 Air intakes for the HVAC units should be located as far from the SR-55 as possible.

3 No balconies should be placed on the side of the builldings facing the SR-55.

125 Baker Street Apartments

Health Risk Summary

#	55A	55B	55C	55 Off	55 On	E Baker	W Baker	Pullman	Briggs	Total Unmitigated	Mitigated	µg/m³	Non Cancer
											0.58		
1	0.44	15.46	0.14	0.71	0.28	1.03	1.93	0.18	0.01	20.18	8.48	0.063356	0.01267
2	0.43	11.56	0.14	0.36	0.21	0.60	2.52	0.24	0.01	16.07	6.75	0.050451	0.01009
3	0.43	8.65	0.14	0.24	0.14	0.38	3.38	0.63	0.01	14.00	5.89	0.043958	0.00879
4	0.46	14.22	0.13	0.78	0.16	0.75	1.34	0.26	0.01	18.11	7.61	0.056866	0.01137
5	0.47	16.23	0.13	1.23	0.14	0.80	0.95	0.25	0.01	20.21	8.49	0.063443	0.01269
6	0.46	12.03	0.13	0.53	0.14	0.58	1.32	0.34	0.01	15.56	6.54	0.048847	0.00977
7	0.46	10.81	0.13	0.42	0.14	0.51	1.49	0.41	0.01	14.37	6.04	0.045102	0.00902
8	0.46	8.69	0.13	0.29	0.11	0.37	1.46	0.71	0.02	12.22	5.14	0.038371	0.00767
9	0.51	18.24	0.12	1.82	0.09	0.63	0.52	0.35	0.01	22.28	9.37	0.069952	0.01399
10	0.49	11.79	0.12	0.59	0.09	0.47	0.69	0.64	0.02	14.93	6.27	0.046857	0.00937
11	0.54	16.78	0.12	1.37	0.07	0.48	0.39	0.67	0.01	20.42	8.58	0.064117	0.01282
12	0.52	13.05	0.12	0.76	0.07	0.44	0.47	0.71	0.02	16.17	6.79	0.05075	0.01015
13	0.56	17.05	0.11	1.41	0.06	0.44	0.34	0.90	0.01	20.89	8.78	0.065591	0.01312
Maximum Onsite Risk										23.73	9.97	0.074498	0.01490
2nd highest onsite Risk										23.30	9.79	0.0732	0.01463

Mitigation Measures:

1 Installation of a sealed HVAC system in conjunction with a MERVE 13 or higher rated filter; or similar filtration system such that it is demonstrated that a 57.97% reduction in particulate matter is achieved.

MERV	13
% Reduction	74
% time indoors	78.33%
Total % Reduction	57.97%

2 Air intakes for the HVAC units should be located as far from the SR-55 as possible.

3 No balconies should be placed on the side of the builldings facing the SR-55.

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
55A	**(south of SR-73)**											
1	Residential	418554.12	3726963.66	1.77684	7.81E-04	0.00138776	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	1.74105	7.81E-04	0.00135981	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	1.74464	7.81E-04	0.00136262	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	1.85267	7.81E-04	0.00144699	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	1.90173	7.81E-04	0.00148531	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	1.85681	7.81E-04	0.00145022	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	1.8414	7.81E-04	0.00143819	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	1.84212	7.81E-04	0.00143875	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	2.03778	7.81E-04	0.00159157	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	1.98442	7.81E-04	0.00154989	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	2.1769	7.81E-04	0.00170022	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	2.10365	7.81E-04	0.00164301	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	2.25085	7.81E-04	0.00175798	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			2.29676	7.81E-04	1.79E-03	0.000001	302	1	350	70	25550
14	55A			2.33161	7.81E-04	0.00182106	0.000001	302	1	350	70	25550
15	W Baker			1.76226	7.81E-04	0.00137638	0.000001	302	1	350	70	25550
16	Pullman			2.03414	7.81E-04	0.00158872	0.000001	302	1	350	70	25550
17	E Baker			1.8054	7.81E-04	0.00141007	0.000001	302	1	350	70	25550
18	Briggs			1.94492	7.81E-04	0.00151904	0.000001	302	1	350	70	25550
1	55 On			1.77684	7.81E-04	0.00138776	0.000001	302	1	350	70	25550
19	55 Off			2.30129	7.81E-04	0.00179738	0.000001	302	1	350	70	25550
20	55 C			1.77108	7.81E-04	0.00138327	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
55A (south of SR-73)									
1	4.01881E-07	1.1	1,000,000	0.44	1	0.44	5	0.00028	No
2	3.93787E-07	1.1	1,000,000	0.43	1	0.43	5	0.00027	No
3	3.94599E-07	1.1	1,000,000	0.43	1	0.43	5	0.00027	No
4	4.19033E-07	1.1	1,000,000	0.46	1	0.46	5	0.00029	No
5	4.30129E-07	1.1	1,000,000	0.47	1	0.47	5	0.00030	No
6	4.19969E-07	1.1	1,000,000	0.46	1	0.46	5	0.00029	No
7	4.16484E-07	1.1	1,000,000	0.46	1	0.46	5	0.00029	No
8	4.16646E-07	1.1	1,000,000	0.46	1	0.46	5	0.00029	No
9	4.609E-07	1.1	1,000,000	0.51	1	0.51	5	0.00032	No
10	4.48831E-07	1.1	1,000,000	0.49	1	0.49	5	0.00031	No
11	4.92366E-07	1.1	1,000,000	0.54	1	0.54	5	0.00034	No
12	4.75799E-07	1.1	1,000,000	0.52	1	0.52	5	0.00033	No
13	5.09092E-07	1.1	1,000,000	0.56	1	0.56	5	0.00035	No
Max onsite									
21	5.19476E-07	1.1	1,000,000	0.57	1	0.57	5	0.00036	No
14	5.27358E-07	1.1	1,000,000	0.58	1	0.58	5	0.00036	No
15	3.98584E-07	1.1	1,000,000	0.44	1	0.44	5	0.00028	No
16	4.60077E-07	1.1	1,000,000	0.51	1	0.51	5	0.00032	No
17	4.08341E-07	1.1	1,000,000	0.45	1	0.45	5	0.00028	No
18	4.39897E-07	1.1	1,000,000	0.48	1	0.48	5	0.00030	No
1	4.01881E-07	1.1	1,000,000	0.44	1	0.44	5	0.00028	No
19	5.205E-07	1.1	1,000,000	0.57	1	0.57	5	0.00036	No
20	4.00579E-07	1.1	1,000,000	0.44	1	0.44	5	0.00028	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
55B	**(SR-73 to I-405)**											
1	Residential	418554.12	3726963.66	21.71961	2.23E-03	0.04854262	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	16.2388	2.23E-03	0.03629319	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	12.15508	2.23E-03	0.02716621	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	19.96882	2.23E-03	0.04462966	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	22.79331	2.23E-03	0.05094231	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	16.89609	2.23E-03	0.03776221	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	15.17955	2.23E-03	0.0339258	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	12.20149	2.23E-03	0.02726993	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	25.61821	2.23E-03	0.05725587	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	16.56509	2.23E-03	0.03702244	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	23.56877	2.23E-03	0.05267543	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	18.3323	2.23E-03	0.04097209	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	23.95281	2.23E-03	0.05353375	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			25.84839	2.23E-03	5.78E-02	0.000001	302	1	350	70	25550
14	55A			22.88768	2.23E-03	0.05115322	0.000001	302	1	350	70	25550
15	W Baker			14.35302	2.23E-03	0.03207853	0.000001	302	1	350	70	25550
16	Pullman			24.29818	2.23E-03	0.05430564	0.000001	302	1	350	70	25550
17	E Baker			24.88757	2.23E-03	0.05562291	0.000001	302	1	350	70	25550
18	Briggs			13.51741	2.23E-03	0.03021097	0.000001	302	1	350	70	25550
1	55 On			21.71961	2.23E-03	0.04854262	0.000001	302	1	350	70	25550
19	55 Off			27.29235	2.23E-03	0.06099751	0.000001	302	1	350	70	25550
20	55 C			23.53452	2.23E-03	0.05259889	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
55B	**(SR-73 to I-405)**								
1	1.40574E-05	1.1	1,000,000	15.46	1	15.46	5	0.00971	No
2	1.05101E-05	1.1	1000000	11.56	1	11.56	5	0.00726	No
3	7.86704E-06	1.1	1000000	8.65	1	8.65	5	0.00543	No
4	1.29243E-05	1.1	1000000	14.22	1	14.22	5	0.00893	No
5	1.47523E-05	1.1	1000000	16.23	1	16.23	5	0.01019	No
6	1.09355E-05	1.1	1000000	12.03	1	12.03	5	0.00755	No
7	9.82454E-06	1.1	1000000	10.81	1	10.81	5	0.00679	No
8	7.89707E-06	1.1	1000000	8.69	1	8.69	5	0.00545	No
9	1.65807E-05	1.1	1000000	18.24	1	18.24	5	0.01145	No
10	1.07213E-05	1.1	1000000	11.79	1	11.79	5	0.00740	No
11	1.52542E-05	1.1	1000000	16.78	1	16.78	5	0.01054	No
12	1.18651E-05	1.1	1000000	13.05	1	13.05	5	0.00819	No
13	1.55028E-05	1.1	1000000	17.05	1	17.05	5	0.01071	No
Max onsite									
21	1.67296E-05	1.1	1,000,000	18.40	1	18.40	5	0.01155	No
14	1.48134E-05	1.1	1,000,000	16.29	1	16.29	5	0.01023	No
15	9.28959E-06	1.1	1,000,000	10.22	1	10.22	5	0.00642	No
16	1.57263E-05	1.1	1,000,000	17.30	1	17.30	5	0.01086	No
17	1.61078E-05	1.1	1,000,000	17.72	1	17.72	5	0.01112	No
18	8.74877E-06	1.1	1,000,000	9.62	1	9.62	5	0.00604	No
1	1.40574E-05	1.1	1,000,000	15.46	1	15.46	5	0.00971	No
19	1.76642E-05	1.1	1,000,000	19.43	1	19.43	5	0.01220	No
20	1.52321E-05	1.1	1,000,000	16.76	1	16.76	5	0.01052	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
55C	**(North of I-405)**											
1	Residential	418554.12	3726963.66	1.46325	3.00E-04	0.0004383	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	1.47533	3.00E-04	0.00044191	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	1.44534	3.00E-04	0.00043293	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	1.40042	3.00E-04	0.00041948	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	1.37107	3.00E-04	0.00041069	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	1.38804	3.00E-04	0.00041577	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	1.39302	3.00E-04	0.00041726	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	1.37532	3.00E-04	0.00041196	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	1.28231	3.00E-04	0.0003841	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	1.29839	3.00E-04	0.00038891	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	1.21073	3.00E-04	0.00036266	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	1.2337	3.00E-04	0.00036954	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	1.18279	3.00E-04	0.00035429	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			1.16645	3.00E-04	3.49E-04	0.000001	302	1	350	70	25550
14	55A			1.15317	3.00E-04	0.00034542	0.000001	302	1	350	70	25550
15	W Baker			1.4477	3.00E-04	0.00043364	0.000001	302	1	350	70	25550
16	Pullman			1.16373	3.00E-04	0.00034858	0.000001	302	1	350	70	25550
17	E Baker			1.44463	3.00E-04	0.00043272	0.000001	302	1	350	70	25550
18	Briggs			1.31453	3.00E-04	0.00039375	0.000001	302	1	350	70	25550
1	55 On			1.46325	3.00E-04	0.0004383	0.000001	302	1	350	70	25550
19	55 Off			1.1644	3.00E-04	0.00034878	0.000001	302	1	350	70	25550
20	55 C			1.47111	3.00E-04	0.00044065	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
55C	**(North of I-405)**								
1	1.26926E-07	1.1	1,000,000	0.14	1	0.14	5	0.00009	No
2	1.27974E-07	1.1	1000000	0.14	1	0.14	5	0.00009	No
3	1.25372E-07	1.1	1000000	0.14	1	0.14	5	0.00009	No
4	1.21476E-07	1.1	1000000	0.13	1	0.13	5	0.00008	No
5	1.1893E-07	1.1	1000000	0.13	1	0.13	5	0.00008	No
6	1.20402E-07	1.1	1000000	0.13	1	0.13	5	0.00008	No
7	1.20834E-07	1.1	1000000	0.13	1	0.13	5	0.00008	No
8	1.19299E-07	1.1	1000000	0.13	1	0.13	5	0.00008	No
9	1.11231E-07	1.1	1000000	0.12	1	0.12	5	0.00008	No
10	1.12625E-07	1.1	1000000	0.12	1	0.12	5	0.00008	No
11	1.05022E-07	1.1	1000000	0.12	1	0.12	5	0.00007	No
12	1.07014E-07	1.1	1000000	0.12	1	0.12	5	0.00007	No
13	1.02598E-07	1.1	1000000	0.11	1	0.11	5	0.00007	No
Max onsite									
21	1.01181E-07	1.1	1,000,000	0.11	1	0.11	5	0.00007	No
14	1.00029E-07	1.1	1,000,000	0.11	1	0.11	5	0.00007	No
15	1.25577E-07	1.1	1,000,000	0.14	1	0.14	5	0.00009	No
16	1.00945E-07	1.1	1,000,000	0.11	1	0.11	5	0.00007	No
17	1.25311E-07	1.1	1,000,000	0.14	1	0.14	5	0.00009	No
18	1.14025E-07	1.1	1,000,000	0.13	1	0.13	5	0.00008	No
1	1.26926E-07	1.1	1,000,000	0.14	1	0.14	5	0.00009	No
19	1.01003E-07	1.1	1,000,000	0.11	1	0.11	5	0.00007	No
20	1.27608E-07	1.1	1,000,000	0.14	1	0.14	5	0.00009	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
55 Off												
1	Residential	418554.12	3726963.66	76.01358	2.95E-05	0.00224004	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	38.63387	2.95E-05	0.0011385	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	25.92745	2.95E-05	0.00076406	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	83.11716	2.95E-05	0.00244938	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	130.62256	2.95E-05	0.00384931	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	56.94408	2.95E-05	0.00167808	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	44.64564	2.95E-05	0.00131566	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	30.49123	2.95E-05	0.00089855	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	193.99267	2.95E-05	0.00571676	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	63.21378	2.95E-05	0.00186284	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	145.97775	2.95E-05	0.00430181	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	81.37707	2.95E-05	0.0023981	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	150.26861	2.95E-05	0.00442826	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			183.63811	2.95E-05	5.41E-03	0.000001	302	1	350	70	25550
14	55A			132.18165	2.95E-05	0.00389526	0.000001	302	1	350	70	25550
15	W Baker			34.26467	2.95E-05	0.00100974	0.000001	302	1	350	70	25550
16	Pullman			154.37868	2.95E-05	0.00454938	0.000001	302	1	350	70	25550
17	E Baker			141.09191	2.95E-05	0.00415783	0.000001	302	1	350	70	25550
18	Briggs			41.09493	2.95E-05	0.00121103	0.000001	302	1	350	70	25550
1	55 On			76.01358	2.95E-05	0.00224004	0.000001	302	1	350	70	25550
19	55 Off			216.83101	2.95E-05	0.00638979	0.000001	302	1	350	70	25550
20	55 C			88.11294	2.95E-05	0.0025966	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
55 Off									
1	6.48692E-07	1.1	1,000,000	0.71	1	0.71	5	0.00045	No
2	3.29697E-07	1.1	1000000	0.36	1	0.36	5	0.00023	No
3	2.21262E-07	1.1	1000000	0.24	1	0.24	5	0.00015	No
4	7.09313E-07	1.1	1000000	0.78	1	0.78	5	0.00049	No
5	1.11472E-06	1.1	1000000	1.23	1	1.23	5	0.00077	No
6	4.85955E-07	1.1	1000000	0.53	1	0.53	5	0.00034	No
7	3.81001E-07	1.1	1000000	0.42	1	0.42	5	0.00026	No
8	2.60209E-07	1.1	1000000	0.29	1	0.29	5	0.00018	No
9	1.65551E-06	1.1	1000000	1.82	1	1.82	5	0.00114	No
10	5.39459E-07	1.1	1000000	0.59	1	0.59	5	0.00037	No
11	1.24576E-06	1.1	1000000	1.37	1	1.37	5	0.00086	No
12	6.94463E-07	1.1	1000000	0.76	1	0.76	5	0.00048	No
13	1.28238E-06	1.1	1000000	1.41	1	1.41	5	0.00089	No
Max onsite									
21	1.56715E-06	1.1	1,000,000	1.72	1	1.72	5	0.00108	No
14	1.12802E-06	1.1	1,000,000	1.24	1	1.24	5	0.00078	No
15	2.92411E-07	1.1	1,000,000	0.32	1	0.32	5	0.00020	No
16	1.31745E-06	1.1	1,000,000	1.45	1	1.45	5	0.00091	No
17	1.20406E-06	1.1	1,000,000	1.32	1	1.32	5	0.00083	No
18	3.507E-07	1.1	1,000,000	0.39	1	0.39	5	0.00024	No
1	6.48692E-07	1.1	1,000,000	0.71	1	0.71	5	0.00045	No
19	1.85041E-06	1.1	1,000,000	2.04	1	2.04	5	0.00128	No
20	7.51946E-07	1.1	1,000,000	0.83	1	0.83	5	0.00052	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
55 On												
1	Residential	418554.12	3726963.66	38.89121	2.23E-05	0.00086873	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	30.0516	2.23E-05	0.00067127	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	19.17346	2.23E-05	0.00042828	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	23.05965	2.23E-05	0.00051509	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	19.98357	2.23E-05	0.00044638	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	19.91694	2.23E-05	0.00044489	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	19.14771	2.23E-05	0.00042771	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	15.38663	2.23E-05	0.0003437	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	12.80137	2.23E-05	0.00028595	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	13.14357	2.23E-05	0.00029359	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	9.56977	2.23E-05	0.00021376	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	10.3166	2.23E-05	0.00023045	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	8.64509	2.23E-05	0.00019311	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			8.16243	2.23E-05	1.82E-04	0.000001	302	1	350	70	25550
14	55A			7.79597	2.23E-05	0.00017414	0.000001	302	1	350	70	25550
15	W Baker			23.04991	2.23E-05	0.00051487	0.000001	302	1	350	70	25550
16	Pullman			8.08636	2.23E-05	0.00018063	0.000001	302	1	350	70	25550
17	E Baker			35.38447	2.23E-05	0.0007904	0.000001	302	1	350	70	25550
18	Briggs			13.14011	2.23E-05	0.00029352	0.000001	302	1	350	70	25550
1	55 On			38.89121	2.23E-05	0.00086873	0.000001	302	1	350	70	25550
19	55 Off			8.10142	2.23E-05	0.00018096	0.000001	302	1	350	70	25550
20	55 C			45.31441	2.23E-05	0.0010122	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
55 On									
1	2.51574E-07	1.1	1,000,000	0.28	1	0.28	5	0.00017	No
2	1.94393E-07	1.1	1000000	0.21	1	0.21	5	0.00013	No
3	1.24027E-07	1.1	1000000	0.14	1	0.14	5	0.00009	No
4	1.49165E-07	1.1	1000000	0.16	1	0.16	5	0.00010	No
5	1.29267E-07	1.1	1000000	0.14	1	0.14	5	0.00009	No
6	1.28836E-07	1.1	1000000	0.14	1	0.14	5	0.00009	No
7	1.2386E-07	1.1	1000000	0.14	1	0.14	5	0.00009	No
8	9.95308E-08	1.1	1000000	0.11	1	0.11	5	0.00007	No
9	8.28077E-08	1.1	1000000	0.09	1	0.09	5	0.00006	No
10	8.50212E-08	1.1	1000000	0.09	1	0.09	5	0.00006	No
11	6.19035E-08	1.1	1000000	0.07	1	0.07	5	0.00004	No
12	6.67345E-08	1.1	1000000	0.07	1	0.07	5	0.00005	No
13	5.59221E-08	1.1	1000000	0.06	1	0.06	5	0.00004	No
Max onsite									
21	5.27999E-08	1.1	1,000,000	0.06	1	0.06	5	0.00004	No
14	5.04294E-08	1.1	1,000,000	0.06	1	0.06	5	0.00003	No
15	1.49102E-07	1.1	1,000,000	0.16	1	0.16	5	0.00010	No
16	5.23079E-08	1.1	1,000,000	0.06	1	0.06	5	0.00004	No
17	2.2889E-07	1.1	1,000,000	0.25	1	0.25	5	0.00016	No
18	8.49988E-08	1.1	1,000,000	0.09	1	0.09	5	0.00006	No
1	2.51574E-07	1.1	1,000,000	0.28	1	0.28	5	0.00017	No
19	5.24053E-08	1.1	1,000,000	0.06	1	0.06	5	0.00004	No
20	2.93123E-07	1.1	1,000,000	0.32	1	0.32	5	0.00020	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
E Baker												
1	Residential	418554.12	3726963.66	45.44138	7.12E-05	0.00323687	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	26.405	7.12E-05	0.00188087	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	16.56	7.12E-05	0.0011796	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	33.15472	7.12E-05	0.00236167	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	35.16529	7.12E-05	0.00250488	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	25.6733	7.12E-05	0.00182875	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	22.32127	7.12E-05	0.00158998	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	16.27225	7.12E-05	0.0011591	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	27.72423	7.12E-05	0.00197484	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	20.81317	7.12E-05	0.00148256	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	21.08137	7.12E-05	0.00150166	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	19.35352	7.12E-05	0.00137858	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	19.57892	7.12E-05	0.00139464	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			19.28268	7.12E-05	1.37E-03	0.000001	302	1	350	70	25550
14	55A			17.64279	7.12E-05	0.00125673	0.000001	302	1	350	70	25550
15	W Baker			21.39334	7.12E-05	0.00152388	0.000001	302	1	350	70	25550
16	Pullman			18.64934	7.12E-05	0.00132842	0.000001	302	1	350	70	25550
17	E Baker			55.4612	7.12E-05	0.0039506	0.000001	302	1	350	70	25550
18	Briggs			17.34897	7.12E-05	0.0012358	0.000001	302	1	350	70	25550
1	55 On			45.44138	7.12E-05	0.00323687	0.000001	302	1	350	70	25550
19	55 Off			19.5745	7.12E-05	0.00139433	0.000001	302	1	350	70	25550
20	55 C			55.15316	7.12E-05	0.00392866	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
E Baker									
1	9.37362E-07	1.1	1,000,000	1.03	1	1.03	5	0.00065	No
2	5.4468E-07	1.1	1000000	0.60	1	0.60	5	0.00038	No
3	3.41599E-07	1.1	1000000	0.38	1	0.38	5	0.00024	No
4	6.83913E-07	1.1	1000000	0.75	1	0.75	5	0.00047	No
5	7.25387E-07	1.1	1000000	0.80	1	0.80	5	0.00050	No
6	5.29587E-07	1.1	1000000	0.58	1	0.58	5	0.00037	No
7	4.60442E-07	1.1	1000000	0.51	1	0.51	5	0.00032	No
8	3.35663E-07	1.1	1000000	0.37	1	0.37	5	0.00023	No
9	5.71893E-07	1.1	1000000	0.63	1	0.63	5	0.00039	No
10	4.29333E-07	1.1	1000000	0.47	1	0.47	5	0.00030	No
11	4.34865E-07	1.1	1000000	0.48	1	0.48	5	0.00030	No
12	3.99223E-07	1.1	1000000	0.44	1	0.44	5	0.00028	No
13	4.03873E-07	1.1	1000000	0.44	1	0.44	5	0.00028	No
Max onsite									
21	3.97762E-07	1.1	1,000,000	0.44	1	0.44	5	0.00027	No
14	3.63934E-07	1.1	1,000,000	0.40	1	0.40	5	0.00025	No
15	4.413E-07	1.1	1,000,000	0.49	1	0.49	5	0.00030	No
16	3.84697E-07	1.1	1,000,000	0.42	1	0.42	5	0.00027	No
17	1.14405E-06	1.1	1,000,000	1.26	1	1.26	5	0.00079	No
18	3.57873E-07	1.1	1,000,000	0.39	1	0.39	5	0.00025	No
1	9.37362E-07	1.1	1,000,000	1.03	1	1.03	5	0.00065	No
19	4.03781E-07	1.1	1,000,000	0.44	1	0.44	5	0.00028	No
20	1.1377E-06	1.1	1,000,000	1.25	1	1.25	5	0.00079	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
W Baker												
1	Residential	418554.12	3726963.66	87.28731	6.93E-05	0.00604862	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	114.01348	6.93E-05	0.00790062	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	153.01748	6.93E-05	0.01060342	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	60.78127	6.93E-05	0.00421187	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	43.0137	6.93E-05	0.00298066	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	60.00634	6.93E-05	0.00415817	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	67.28545	6.93E-05	0.00466258	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	65.91606	6.93E-05	0.00456769	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	23.4377	6.93E-05	0.00162413	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	31.44907	6.93E-05	0.00217928	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	17.47389	6.93E-05	0.00121086	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	21.26938	6.93E-05	0.00147387	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	15.52531	6.93E-05	0.00107583	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			14.26819	6.93E-05	9.89E-04	0.000001	302	1	350	70	25550
14	55A			14.02909	6.93E-05	0.00097215	0.000001	302	1	350	70	25550
15	W Baker			136.54703	6.93E-05	0.00946209	0.000001	302	1	350	70	25550
16	Pullman			14.36203	6.93E-05	0.00099522	0.000001	302	1	350	70	25550
17	E Baker			89.73781	6.93E-05	0.00621842	0.000001	302	1	350	70	25550
18	Briggs			38.9321	6.93E-05	0.00269782	0.000001	302	1	350	70	25550
1	55 On			87.28731	6.93E-05	0.00604862	0.000001	302	1	350	70	25550
19	55 Off			13.96052	6.93E-05	0.0009674	0.000001	302	1	350	70	25550
20	55 C			42.24616	6.93E-05	0.00292747	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
W Baker									
1	1.75161E-06	1.1	1,000,000	1.93	1	1.93	5	0.00121	No
2	2.28793E-06	1.1	1000000	2.52	1	2.52	5	0.00158	No
3	3.07063E-06	1.1	1000000	3.38	1	3.38	5	0.00212	No
4	1.21971E-06	1.1	1000000	1.34	1	1.34	5	0.00084	No
5	8.63165E-07	1.1	1000000	0.95	1	0.95	5	0.00060	No
6	1.20416E-06	1.1	1000000	1.32	1	1.32	5	0.00083	No
7	1.35023E-06	1.1	1000000	1.49	1	1.49	5	0.00093	No
8	1.32275E-06	1.1	1000000	1.46	1	1.46	5	0.00091	No
9	4.70329E-07	1.1	1000000	0.52	1	0.52	5	0.00032	No
10	6.31095E-07	1.1	1000000	0.69	1	0.69	5	0.00044	No
11	3.50652E-07	1.1	1000000	0.39	1	0.39	5	0.00024	No
12	4.26817E-07	1.1	1000000	0.47	1	0.47	5	0.00029	No
13	3.1155E-07	1.1	1000000	0.34	1	0.34	5	0.00022	No
Max onsite									
21	2.86323E-07	1.1	1,000,000	0.31	1	0.31	5	0.00020	No
14	2.81525E-07	1.1	1,000,000	0.31	1	0.31	5	0.00019	No
15	2.74012E-06	1.1	1,000,000	3.01	1	3.01	5	0.00189	No
16	2.88206E-07	1.1	1,000,000	0.32	1	0.32	5	0.00020	No
17	1.80079E-06	1.1	1,000,000	1.98	1	1.98	5	0.00124	No
18	7.81259E-07	1.1	1,000,000	0.86	1	0.86	5	0.00054	No
1	1.75161E-06	1.1	1,000,000	1.93	1	1.93	5	0.00121	No
19	2.80149E-07	1.1	1,000,000	0.31	1	0.31	5	0.00019	No
20	8.47763E-07	1.1	1,000,000	0.93	1	0.93	5	0.00059	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
Pullman												
1	Residential	418554.12	3726963.66	48.02374	1.19E-05	0.00057221	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	62.08465	1.19E-05	0.00073975	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	166.72794	1.19E-05	0.00198661	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	67.48752	1.19E-05	0.00080413	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	66.7842	1.19E-05	0.00079575	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	90.06438	1.19E-05	0.00107314	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	107.92768	1.19E-05	0.00128599	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	186.91985	1.19E-05	0.0022272	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	91.31013	1.19E-05	0.00108798	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	169.39667	1.19E-05	0.0020184	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	177.75318	1.19E-05	0.00211797	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	187.44016	1.19E-05	0.0022334	0.000001	302	1	350	70	25550
13	Residential	418481.27	3726825.74	236.87818	1.19E-05	0.00282246	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			227.17463	1.19E-05	2.71E-03	0.000001	302	1	350	70	25550
14	55A			146.17776	1.19E-05	0.00174174	0.000001	302	1	350	70	25550
15	W Baker			89.97315	1.19E-05	0.00107205	0.000001	302	1	350	70	25550
16	Pullman			126.84744	1.19E-05	0.00151142	0.000001	302	1	350	70	25550
17	E Baker			46.53988	1.19E-05	0.00055453	0.000001	302	1	350	70	25550
18	Briggs			202.09758	1.19E-05	0.00240804	0.000001	302	1	350	70	25550
1	55 On			48.02374	1.19E-05	0.00057221	0.000001	302	1	350	70	25550
19	55 Off			201.14967	1.19E-05	0.00239675	0.000001	302	1	350	70	25550
20	55 C			43.8959	1.19E-05	0.00052303	0.000001	302	1	350	70	25550

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
Pullman									
1	1.65707E-07	1.1	1,000,000	0.18	1	0.18	5	0.00011	No
2	2.14225E-07	1.1	1000000	0.24	1	0.24	5	0.00015	No
3	5.75299E-07	1.1	1000000	0.63	1	0.63	5	0.00040	No
4	2.32867E-07	1.1	1000000	0.26	1	0.26	5	0.00016	No
5	2.30441E-07	1.1	1000000	0.25	1	0.25	5	0.00016	No
6	3.1077E-07	1.1	1000000	0.34	1	0.34	5	0.00021	No
7	3.72407E-07	1.1	1000000	0.41	1	0.41	5	0.00026	No
8	6.44972E-07	1.1	1000000	0.71	1	0.71	5	0.00045	No
9	3.15068E-07	1.1	1000000	0.35	1	0.35	5	0.00022	No
10	5.84508E-07	1.1	1000000	0.64	1	0.64	5	0.00040	No
11	6.13342E-07	1.1	1000000	0.67	1	0.67	5	0.00042	No
12	6.46767E-07	1.1	1000000	0.71	1	0.71	5	0.00045	No
13	8.17354E-07	1.1	1000000	0.90	1	0.90	5	0.00056	No
Max onsite									
21	7.83872E-07	1.1	1,000,000	0.86	1	0.86	5	0.00054	No
14	5.0439E-07	1.1	1,000,000	0.55	1	0.55	5	0.00035	No
15	3.10455E-07	1.1	1,000,000	0.34	1	0.34	5	0.00021	No
16	4.3769E-07	1.1	1,000,000	0.48	1	0.48	5	0.00030	No
17	1.60587E-07	1.1	1,000,000	0.18	1	0.18	5	0.00011	No
18	6.97343E-07	1.1	1,000,000	0.77	1	0.77	5	0.00048	No
1	1.65707E-07	1.1	1,000,000	0.18	1	0.18	5	0.00011	No
19	6.94072E-07	1.1	1,000,000	0.76	1	0.76	5	0.00048	No
20	1.51464E-07	1.1	1,000,000	0.17	1	0.17	5	0.00010	No

125 Baker Street Apartments
Health Risk Calculations

#	Type	X	Y	Modeled Concentration [ug/m^3]	Emission Factor	C_{air} (µg/m^3)	Conversion Factor 1 (10^{-6})	DBR	A	EF	ED	AT
Briggs												
1	Residential	418554.12	3726963.66	31.11023	6.79E-07	2.1136E-05	0.000001	302	1	350	70	25,550
2	Residential	418589.55	3726935.92	36.19592	6.79E-07	2.4591E-05	0.000001	302	1	350	70	25550
3	Residential	418626.60	3726903.70	49.96771	6.79E-07	3.3947E-05	0.000001	302	1	350	70	25550
4	Residential	418521.05	3726935.31	41.49529	6.79E-07	2.8191E-05	0.000001	302	1	350	70	25550
5	Residential	418541.36	3726931.27	40.76811	6.79E-07	2.7697E-05	0.000001	302	1	350	70	25550
6	Residential	418569.31	3726896.49	51.99451	6.79E-07	3.5324E-05	0.000001	302	1	350	70	25550
7	Residential	418608.34	3726874.42	57.01961	6.79E-07	3.8738E-05	0.000001	302	1	350	70	25550
8	Residential	418475.01	3726881.45	79.84042	6.79E-07	5.4242E-05	0.000001	302	1	350	70	25550
9	Residential	418518.29	3726849.29	44.61796	6.79E-07	3.0312E-05	0.000001	302	1	350	70	25550
10	Residential	418543.79	3726840.54	87.59873	6.79E-07	5.9513E-05	0.000001	302	1	350	70	25550
11	Residential	418442.91	3726841.29	48.16693	6.79E-07	3.2724E-05	0.000001	302	1	350	70	25550
12	Residential	418481.27	3726825.74	75.04533	6.79E-07	5.0984E-05	0.000001	302	1	350	70	25550
13	Residential	0.00	0.00	44.44686	6.79E-07	3.0196E-05	0.000001	302	1	350	70	25550
Max onsite												
21	55 B			39.45712	6.79E-07	2.68E-05	0.000001	302	1	350	70	25550
14	55A			42.41202	6.79E-07	2.8814E-05	0.000001	302	1	350	70	25550
15	W Baker			44.63386	6.79E-07	3.0323E-05	0.000001	302	1	350	70	25550
16	Pullman			41.43754	6.79E-07	2.8152E-05	0.000001	302	1	350	70	25550
17	E Baker			30.34923	6.79E-07	2.0619E-05	0.000001	302	1	350	70	25550
18	Briggs			132.84303	6.79E-07	9.0251E-05	0.000001	302	1	350	70	25550
1	55 On			31.11023	6.79E-07	2.1136E-05	0.000001	302	1	350	70	25550
19	55 Off			37.4733	6.79E-07	2.5459E-05	0.000001	302	1	350	70	25550
20	55 C			28.939	6.79E-07	1.9661E-05	0.000001	302	1	350	70	25550

Cair - Concentration in air (mg/m3), annual average from CAL3QHCR

$10^{\wedge-6}$ - Micrograms to milligrams conversion (liters to cubic meters conversion (10^{-3} m^3/l)

DBR - Daily breathing rate (L/kg body weight-day)

A - Inhalation absorption factor

EF - Exposure frequency

ED - Exposure duration

AT - Averaging Time

125 Baker Street Apartments
Health Risk Calculations

#	Inhalation Dose (mg/kg/d)	Cancer Potency Factor (kg-day/mg)	Conversion Factor 2	Cancer Risk (per million)	ASF	Adjusted Cancer Risk	Reference Level	Non-Cancer Risk	Significant?
Briggs									
1	6.12064E-09	1.1	1,000,000	0.01	1	0.01	5	0.00000	No
2	7.1212E-09	1.1	1000000	0.01	1	0.01	5	0.00000	No
3	9.83067E-09	1.1	1000000	0.01	1	0.01	5	0.00001	No
4	8.16381E-09	1.1	1000000	0.01	1	0.01	5	0.00001	No
5	8.02074E-09	1.1	1000000	0.01	1	0.01	5	0.00001	No
6	1.02294E-08	1.1	1000000	0.01	1	0.01	5	0.00001	No
7	1.12181E-08	1.1	1000000	0.01	1	0.01	5	0.00001	No
8	1.57078E-08	1.1	1000000	0.02	1	0.02	5	0.00001	No
9	8.77816E-09	1.1	1000000	0.01	1	0.01	5	0.00001	No
10	1.72342E-08	1.1	1000000	0.02	1	0.02	5	0.00001	No
11	9.47639E-09	1.1	1000000	0.01	1	0.01	5	0.00001	No
12	1.47645E-08	1.1	1000000	0.02	1	0.02	5	0.00001	No
13	8.7445E-09	1.1	1000000	0.01	1	0.01	5	0.00001	No
Max onsite									
21	7.76281E-09	1.1	1,000,000	0.009	1	0.01	5	0.00001	No
14	8.34416E-09	1.1	1,000,000	0.009	1	0.01	5	0.00001	No
15	8.78129E-09	1.1	1,000,000	0.010	1	0.01	5	0.00001	No
16	8.15244E-09	1.1	1,000,000	0.009	1	0.01	5	0.00001	No
17	5.97092E-09	1.1	1,000,000	0.007	1	0.01	5	0.00000	No
18	2.61356E-08	1.1	1,000,000	0.029	1	0.03	5	0.00002	No
1	6.12064E-09	1.1	1,000,000	0.007	1	0.01	5	0.00000	No
19	7.37252E-09	1.1	1,000,000	0.008	1	0.01	5	0.00001	No
20	5.69347E-09	1.1	1,000,000	0.006	1	0.01	5	0.00000	No

Appendix G AERMOD Modeling Output

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 8.2.0
** Lakes Environmental Software Inc.
** Date: 8/22/2013
** File: C:\AERMOD\Costa Mesa\125 Baker Street\125 Baker Street\125 Baker Street.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\AERMOD\Costa Mesa\125 Baker Street\125 Baker Street\125 Baker Str
   MODELOPT DFAULT CONC
   AVERTIME 24 ANNUAL
   URBANOPT 3010759 OC_population_from_SCAQMD_Website
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "125 Baker Street.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = 55C
** DESCRSRC 405 To McArthur
** PREFIX
** Length of Side = 44.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 8.61
** SZINIT = 4.00
** Nodes = 2
** 419170.58, 3727840.00, 6.01, 0.00, 20.47
** 419408.08, 3728141.13, 2.94, 0.00, 20.47
** -------------------------------------------------------------------
   LOCATION L0003862     VOLUME   419184.207 3727857.278 5.34
   LOCATION L0003863     VOLUME   419211.455 3727891.825 4.41
   LOCATION L0003864     VOLUME   419238.703 3727926.373 4.09
   LOCATION L0003865     VOLUME   419265.951 3727960.921 3.54
   LOCATION L0003866     VOLUME   419293.199 3727995.468 2.97
   LOCATION L0003867     VOLUME   419320.448 3728030.016 2.99
   LOCATION L0003868     VOLUME   419347.696 3728064.563 3.00
   LOCATION L0003869     VOLUME   419374.944 3728099.111 2.97
   LOCATION L0003870     VOLUME   419402.192 3728133.658 3.00
** End of LINE VOLUME Source ID = 55C
** -------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = 55OFF
** DESCRSRC Offramp at Baker
** PREFIX
** Length of Side = 13.50
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.12
** SZINIT = 1.45
** Nodes = 2
** 418122.28, 3726522.40, 4.91, 1.56, 6.28
** 418530.83, 3726980.42, 7.81, 1.56, 6.28
** -------------------------------------------------------------------
   LOCATION L0003138     VOLUME   418126.770 3726527.439 5.00
   LOCATION L0003139     VOLUME   418135.756 3726537.513 5.00
   LOCATION L0003140     VOLUME   418144.743 3726547.588 5.00
   LOCATION L0003141     VOLUME   418153.729 3726557.662 5.00
   LOCATION L0003142     VOLUME   418162.716 3726567.736 5.00
   LOCATION L0003143     VOLUME   418171.702 3726577.811 5.00
   LOCATION L0003144     VOLUME   418180.689 3726587.885 5.00
   LOCATION L0003145     VOLUME   418189.675 3726597.960 5.00
   LOCATION L0003146     VOLUME   418198.661 3726608.034 5.00
   LOCATION L0003147     VOLUME   418207.648 3726618.109 5.00
   LOCATION L0003148     VOLUME   418216.634 3726628.183 5.00
   LOCATION L0003149     VOLUME   418225.621 3726638.257 5.00
   LOCATION L0003150     VOLUME   418234.607 3726648.332 5.00
   LOCATION L0003151     VOLUME   418243.594 3726658.406 5.00
   LOCATION L0003152     VOLUME   418252.580 3726668.481 5.00
   LOCATION L0003153     VOLUME   418261.566 3726678.555 5.00
   LOCATION L0003154     VOLUME   418270.553 3726688.630 5.00
   LOCATION L0003155     VOLUME   418279.539 3726698.704 5.10
   LOCATION L0003156     VOLUME   418288.526 3726708.778 5.21
   LOCATION L0003157     VOLUME   418297.512 3726718.853 5.33
   LOCATION L0003158     VOLUME   418306.499 3726728.927 5.44
   LOCATION L0003159     VOLUME   418315.485 3726739.002 5.56
```

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   LOCATION L0003160     VOLUME   418324.471 3726749.076 5.67
   LOCATION L0003161     VOLUME   418333.458 3726759.151 5.79
   LOCATION L0003162     VOLUME   418342.444 3726769.225 5.91
   LOCATION L0003163     VOLUME   418351.431 3726779.299 6.02
   LOCATION L0003164     VOLUME   418360.417 3726789.374 6.14
   LOCATION L0003165     VOLUME   418369.404 3726799.448 6.25
   LOCATION L0003166     VOLUME   418378.390 3726809.523 6.37
   LOCATION L0003167     VOLUME   418387.376 3726819.597 6.48
   LOCATION L0003168     VOLUME   418396.363 3726829.672 6.60
   LOCATION L0003169     VOLUME   418405.349 3726839.746 6.71
   LOCATION L0003170     VOLUME   418414.336 3726849.820 6.83
   LOCATION L0003171     VOLUME   418423.322 3726859.895 6.94
   LOCATION L0003172     VOLUME   418432.309 3726869.969 7.02
   LOCATION L0003173     VOLUME   418441.295 3726880.044 7.08
   LOCATION L0003174     VOLUME   418450.281 3726890.118 7.16
   LOCATION L0003175     VOLUME   418459.268 3726900.193 7.27
   LOCATION L0003176     VOLUME   418468.254 3726910.267 7.40
   LOCATION L0003177     VOLUME   418477.241 3726920.341 7.56
   LOCATION L0003178     VOLUME   418486.227 3726930.416 7.75
   LOCATION L0003179     VOLUME   418495.214 3726940.490 7.86
   LOCATION L0003180     VOLUME   418504.200 3726950.565 7.98
   LOCATION L0003181     VOLUME   418513.186 3726960.639 8.03
   LOCATION L0003182     VOLUME   418522.173 3726970.714 8.09
** End of LINE VOLUME Source ID = 55OFF
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = 55ON
** DESCRSRC 55 Onramp at Baker
** PREFIX
** Length of Side = 13.50
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.12
** SZINIT = 1.45
** Nodes = 3
** 418548.04, 3726998.26, 8.38, 1.56, 6.28
** 418816.67, 3727322.21, 9.92, 1.56, 6.28
** 418990.32, 3727528.66, 11.31, 1.56, 6.28
** ----------------------------------------------------------------------
   LOCATION L0003183     VOLUME   418552.348 3727003.451 8.47
   LOCATION L0003184     VOLUME   418560.966 3727013.843 8.64
   LOCATION L0003185     VOLUME   418569.583 3727024.235 8.82
   LOCATION L0003186     VOLUME   418578.200 3727034.627 8.93
   LOCATION L0003187     VOLUME   418586.818 3727045.019 8.96
   LOCATION L0003188     VOLUME   418595.435 3727055.411 8.85
   LOCATION L0003189     VOLUME   418604.052 3727065.803 8.74
   LOCATION L0003190     VOLUME   418612.670 3727076.195 8.63
   LOCATION L0003191     VOLUME   418621.287 3727086.587 8.52
   LOCATION L0003192     VOLUME   418629.904 3727096.979 8.41
   LOCATION L0003193     VOLUME   418638.522 3727107.371 8.30
   LOCATION L0003194     VOLUME   418647.139 3727117.762 8.19
   LOCATION L0003195     VOLUME   418655.756 3727128.154 8.08
   LOCATION L0003196     VOLUME   418664.373 3727138.546 8.03
   LOCATION L0003197     VOLUME   418672.991 3727148.938 8.14
   LOCATION L0003198     VOLUME   418681.608 3727159.330 8.25
   LOCATION L0003199     VOLUME   418690.225 3727169.722 8.36
   LOCATION L0003200     VOLUME   418698.843 3727180.114 8.47
   LOCATION L0003201     VOLUME   418707.460 3727190.506 8.58
   LOCATION L0003202     VOLUME   418716.077 3727200.898 8.69
   LOCATION L0003203     VOLUME   418724.695 3727211.290 8.82
   LOCATION L0003204     VOLUME   418733.312 3727221.682 8.93
   LOCATION L0003205     VOLUME   418741.929 3727232.073 9.03
   LOCATION L0003206     VOLUME   418750.547 3727242.465 9.14
   LOCATION L0003207     VOLUME   418759.164 3727252.857 9.25
   LOCATION L0003208     VOLUME   418767.781 3727263.249 9.36
   LOCATION L0003209     VOLUME   418776.399 3727273.641 9.47
   LOCATION L0003210     VOLUME   418785.016 3727284.033 9.58
   LOCATION L0003211     VOLUME   418793.633 3727294.425 9.69
   LOCATION L0003212     VOLUME   418802.251 3727304.817 9.80
   LOCATION L0003213     VOLUME   418810.868 3727315.209 9.91
   LOCATION L0003214     VOLUME   418819.509 3727325.581 10.00
   LOCATION L0003215     VOLUME   418828.199 3727335.912 10.00
   LOCATION L0003216     VOLUME   418836.889 3727346.243 10.00
   LOCATION L0003217     VOLUME   418845.579 3727356.575 10.00
   LOCATION L0003218     VOLUME   418854.269 3727366.906 10.00
   LOCATION L0003219     VOLUME   418862.958 3727377.237 10.00
   LOCATION L0003220     VOLUME   418871.648 3727387.569 10.00
   LOCATION L0003221     VOLUME   418880.338 3727397.900 10.00
   LOCATION L0003222     VOLUME   418889.028 3727408.231 10.00
   LOCATION L0003223     VOLUME   418897.718 3727418.562 10.04
   LOCATION L0003224     VOLUME   418906.408 3727428.894 10.27
   LOCATION L0003225     VOLUME   418915.098 3727439.225 10.49
   LOCATION L0003226     VOLUME   418923.788 3727449.556 10.71
   LOCATION L0003227     VOLUME   418932.478 3727459.887 10.93
   LOCATION L0003228     VOLUME   418941.168 3727470.219 11.16
   LOCATION L0003229     VOLUME   418949.858 3727480.550 11.38
   LOCATION L0003230     VOLUME   418958.548 3727490.881 11.60
   LOCATION L0003231     VOLUME   418967.238 3727501.213 11.82
   LOCATION L0003232     VOLUME   418975.927 3727511.544 11.98
   LOCATION L0003233     VOLUME   418984.617 3727521.875 11.87
** End of LINE VOLUME Source ID = 55ON
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = WBAKER
** DESCRSRC West on Baker past site
```

```
** PREFIX
** Length of Side = 31.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.12
** SZINIT = 1.45
** Nodes = 5
** 418540.14, 3726995.14, 8.35, 1.56, 14.42
** 418583.41, 3726965.92, 7.89, 1.56, 14.42
** 418644.72, 3726916.12, 8.04, 1.56, 14.42
** 418797.58, 3726792.30, 9.76, 0.00, 14.42
** 419040.64, 3726592.05, 7.28, 0.00, 14.42
** ---------------------------------------------------------------------
   LOCATION L0003302     VOLUME   418552.989 3726986.463 8.37
   LOCATION L0003303     VOLUME   418578.681 3726969.115 8.40
   LOCATION L0003304     VOLUME   418603.043 3726949.974 8.16
   LOCATION L0003305     VOLUME   418627.105 3726930.429 8.01
   LOCATION L0003306     VOLUME   418651.174 3726910.892 8.00
   LOCATION L0003307     VOLUME   418675.263 3726891.380 8.20
   LOCATION L0003308     VOLUME   418699.352 3726871.868 8.51
   LOCATION L0003309     VOLUME   418723.441 3726852.356 8.83
   LOCATION L0003310     VOLUME   418747.530 3726832.844 9.14
   LOCATION L0003311     VOLUME   418771.619 3726813.332 9.46
   LOCATION L0003312     VOLUME   418795.708 3726793.820 9.77
   LOCATION L0003313     VOLUME   418819.646 3726774.123 10.00
   LOCATION L0003314     VOLUME   418843.572 3726754.411 10.00
   LOCATION L0003315     VOLUME   418867.497 3726734.699 10.00
   LOCATION L0003316     VOLUME   418891.423 3726714.987 10.02
   LOCATION L0003317     VOLUME   418915.348 3726695.274 10.33
   LOCATION L0003318     VOLUME   418939.274 3726675.562 10.64
   LOCATION L0003319     VOLUME   418963.199 3726655.850 10.95
   LOCATION L0003320     VOLUME   418987.125 3726636.138 10.70
   LOCATION L0003321     VOLUME   419011.050 3726616.426 10.22
   LOCATION L0003322     VOLUME   419034.976 3726596.713 9.61
** End of LINE VOLUME Source ID = WBAKER
** ---------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = EBAKER
** DESCRSRC Baker East of Freeway
** PREFIX
** Length of Side = 31.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.12
** SZINIT = 1.45
** Nodes = 5
** 418540.50, 3726995.53, 8.35, 1.56, 14.42
** 418481.78, 3727018.12, 7.49, 1.56, 14.42
** 418395.10, 3727031.67, 6.90, 1.56, 14.42
** 418263.58, 3727033.47, 6.02, 0.00, 14.42
** 417912.84, 3727032.22, 4.00, 0.00, 14.42
** ---------------------------------------------------------------------
   LOCATION L0003323     VOLUME   418526.038 3727001.098 8.20
   LOCATION L0003324     VOLUME   418497.105 3727012.228 7.88
   LOCATION L0003325     VOLUME   418467.374 3727020.374 7.49
   LOCATION L0003326     VOLUME   418436.746 3727025.159 7.12
   LOCATION L0003327     VOLUME   418406.117 3727029.945 7.05
   LOCATION L0003328     VOLUME   418375.253 3727031.938 7.03
   LOCATION L0003329     VOLUME   418344.256 3727032.364 6.90
   LOCATION L0003330     VOLUME   418313.259 3727032.790 6.50
   LOCATION L0003331     VOLUME   418282.262 3727033.215 6.10
   LOCATION L0003332     VOLUME   418251.263 3727033.428 6.00
   LOCATION L0003333     VOLUME   418220.264 3727033.317 6.00
   LOCATION L0003334     VOLUME   418189.264 3727033.207 5.89
   LOCATION L0003335     VOLUME   418158.264 3727033.096 5.49
   LOCATION L0003336     VOLUME   418127.264 3727032.986 5.09
   LOCATION L0003337     VOLUME   418096.264 3727032.876 4.71
   LOCATION L0003338     VOLUME   418065.265 3727032.765 4.34
   LOCATION L0003339     VOLUME   418034.265 3727032.655 4.06
   LOCATION L0003340     VOLUME   418003.265 3727032.544 4.03
   LOCATION L0003341     VOLUME   417972.265 3727032.434 4.00
   LOCATION L0003342     VOLUME   417941.265 3727032.324 4.00
** End of LINE VOLUME Source ID = EBAKER
** ---------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = PULL
** DESCRSRC Pullman South of Baker
** PREFIX
** Length of Side = 24.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.12
** SZINIT = 1.45
** Nodes = 11
** 418651.69, 3726889.99, 8.12, 1.56, 11.16
** 418625.17, 3726861.74, 8.01, 1.56, 11.16
** 418599.84, 3726846.80, 7.86, 1.56, 11.16
** 418555.98, 3726829.45, 7.50, 0.00, 11.16
** 418496.60, 3726813.89, 7.20, 0.00, 11.16
** 418464.31, 3726806.97, 6.88, 0.00, 11.16
** 418437.21, 3726798.32, 6.81, 0.00, 11.16
** 418403.20, 3726774.68, 6.60, 0.00, 11.16
** 418359.96, 3726724.52, 6.04, 0.00, 11.16
** 418327.67, 3726683.59, 5.79, 0.00, 11.16
** 418292.50, 3726632.85, 5.17, 0.00, 11.16
```

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** ------------------------------------------------------------------
   LOCATION L0003274     VOLUME   418643.478 3726881.243 8.00
   LOCATION L0003275     VOLUME   418627.052 3726863.745 8.00
   LOCATION L0003276     VOLUME   418606.866 3726850.945 8.00
   LOCATION L0003277     VOLUME   418585.108 3726840.974 8.00
   LOCATION L0003278     VOLUME   418562.790 3726832.146 7.75
   LOCATION L0003279     VOLUME   418539.848 3726825.225 7.45
   LOCATION L0003280     VOLUME   418516.632 3726819.139 7.15
   LOCATION L0003281     VOLUME   418493.382 3726813.198 7.00
   LOCATION L0003282     VOLUME   418469.915 3726808.169 7.00
   LOCATION L0003283     VOLUME   418446.907 3726801.414 7.00
   LOCATION L0003284     VOLUME   418425.861 3726790.431 6.98
   LOCATION L0003285     VOLUME   418406.152 3726776.735 6.73
   LOCATION L0003286     VOLUME   418389.876 3726759.230 6.52
   LOCATION L0003287     VOLUME   418374.206 3726741.052 6.30
   LOCATION L0003288     VOLUME   418358.609 3726722.813 6.09
   LOCATION L0003289     VOLUME   418343.746 3726703.970 5.93
   LOCATION L0003290     VOLUME   418328.883 3726685.126 5.74
   LOCATION L0003291     VOLUME   418315.113 3726665.473 5.56
   LOCATION L0003292     VOLUME   418301.440 3726645.748 5.39
** End of LINE VOLUME Source ID = PULL
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = BRIGGS
** DESCRSRC Briggs West of Pullman
** PREFIX
** Length of Side = 24.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 3.12
** SZINIT = 1.45
** Nodes = 10
** 418547.91, 3726817.92, 7.50, 1.56, 11.16
** 418552.52, 3726798.90, 7.47, 1.56, 11.16
** 418557.71, 3726776.99, 7.49, 1.56, 11.16
** 418569.24, 3726756.23, 7.50, 0.00, 11.16
** 418588.85, 3726733.17, 7.53, 0.00, 11.16
** 418607.30, 3726718.18, 7.80, 0.00, 11.16
** 418630.36, 3726698.58, 7.96, 0.00, 11.16
** 418652.27, 3726678.97, 8.03, 0.00, 11.16
** 418676.89, 3726660.42, 8.09, 0.00, 11.16
** 418673.02, 3726655.33, 8.04, 0.00, 11.16
** ------------------------------------------------------------------
   LOCATION L0003293     VOLUME   418550.739 3726806.261 7.60
   LOCATION L0003294     VOLUME   418556.309 3726782.916 7.67
   LOCATION L0003295     VOLUME   418566.410 3726761.334 7.80
   LOCATION L0003296     VOLUME   418581.008 3726742.392 7.97
   LOCATION L0003297     VOLUME   418598.080 3726725.668 7.84
   LOCATION L0003298     VOLUME   418616.535 3726710.327 7.80
   LOCATION L0003299     VOLUME   418634.723 3726694.671 7.84
   LOCATION L0003300     VOLUME   418652.634 3726678.698 7.95
   LOCATION L0003301     VOLUME   418671.802 3726664.256 8.18
** End of LINE VOLUME Source ID = BRIGGS
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = 55A
** DESCRSRC Mesa Drive to the 73
** PREFIX
** Length of Side = 44.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 8.61
** SZINIT = 4.00
** Nodes = 3
** 417387.40, 3725864.93, 4.00, 7.05, 20.47
** 417704.51, 3726175.55, 4.00, 7.05, 20.47
** 417853.97, 3726305.51, 4.00, 7.05, 20.47
** ------------------------------------------------------------------
   LOCATION L0003593     VOLUME   417403.117 3725880.324 4.00
   LOCATION L0003594     VOLUME   417434.550 3725911.113 4.00
   LOCATION L0003595     VOLUME   417465.983 3725941.902 4.00
   LOCATION L0003596     VOLUME   417497.416 3725972.691 4.00
   LOCATION L0003597     VOLUME   417528.849 3726003.480 4.00
   LOCATION L0003598     VOLUME   417560.282 3726034.269 4.00
   LOCATION L0003599     VOLUME   417591.715 3726065.058 4.00
   LOCATION L0003600     VOLUME   417623.149 3726095.847 4.00
   LOCATION L0003601     VOLUME   417654.582 3726126.636 4.00
   LOCATION L0003602     VOLUME   417686.015 3726157.425 4.00
   LOCATION L0003603     VOLUME   417718.176 3726187.425 4.00
   LOCATION L0003604     VOLUME   417751.379 3726216.297 4.00
   LOCATION L0003605     VOLUME   417784.581 3726245.169 4.00
   LOCATION L0003606     VOLUME   417817.784 3726274.041 4.00
   LOCATION L0003607     VOLUME   417850.987 3726302.913 4.00
** End of LINE VOLUME Source ID = 55A
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = 55B
** DESCRSRC Between 73 and the 405
** PREFIX
** Length of Side = 44.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 8.61
** SZINIT = 4.00
** Nodes = 12
```

```
** 417876.07, 3726330.20, 4.00, 7.05, 20.47
** 417944.95, 3726389.99, 4.00, 7.05, 20.47
** 418032.03, 3726471.87, 4.12, 7.05, 20.47
** 418137.30, 3726591.43, 4.96, 0.00, 20.47
** 418224.37, 3726695.40, 5.00, 0.00, 20.47
** 418334.84, 3726826.67, 5.96, 0.00, 20.47
** 418473.91, 3726998.22, 7.35, 0.00, 20.47
** 418677.95, 3727245.16, 8.25, 0.00, 20.47
** 418845.60, 3727450.50, 9.93, 0.00, 20.47
** 419041.85, 3727692.23, 9.66, 0.00, 20.47
** 419158.82, 3727836.49, 6.07, 0.00, 20.47
** 419157.52, 3727839.09, 6.07, 0.00, 20.47
** ------------------------------------------------------------------
   LOCATION L0003608     VOLUME   417892.683 3726344.624 4.00
   LOCATION L0003609     VOLUME   417925.912 3726373.465 4.00
   LOCATION L0003610     VOLUME   417958.640 3726402.861 4.00
   LOCATION L0003611     VOLUME   417990.695 3726433.002 4.00
   LOCATION L0003612     VOLUME   418022.750 3726463.143 4.00
   LOCATION L0003613     VOLUME   418052.687 3726495.333 4.18
   LOCATION L0003614     VOLUME   418081.763 3726528.358 4.56
   LOCATION L0003615     VOLUME   418110.839 3726561.382 4.93
   LOCATION L0003616     VOLUME   418139.840 3726594.470 5.00
   LOCATION L0003617     VOLUME   418168.091 3726628.202 5.00
   LOCATION L0003618     VOLUME   418196.342 3726661.935 5.00
   LOCATION L0003619     VOLUME   418224.594 3726695.667 5.00
   LOCATION L0003620     VOLUME   418252.926 3726729.332 5.00
   LOCATION L0003621     VOLUME   418281.257 3726762.996 5.11
   LOCATION L0003622     VOLUME   418309.589 3726796.661 5.48
   LOCATION L0003623     VOLUME   418337.853 3726830.382 5.84
   LOCATION L0003624     VOLUME   418365.560 3726864.563 6.19
   LOCATION L0003625     VOLUME   418393.267 3726898.743 6.55
   LOCATION L0003626     VOLUME   418420.974 3726932.924 6.91
   LOCATION L0003627     VOLUME   418448.681 3726967.105 7.26
   LOCATION L0003628     VOLUME   418476.417 3727001.262 7.61
   LOCATION L0003629     VOLUME   418504.444 3727035.180 7.98
   LOCATION L0003630     VOLUME   418532.472 3727069.099 8.33
   LOCATION L0003631     VOLUME   418560.499 3727103.017 8.69
   LOCATION L0003632     VOLUME   418588.527 3727136.936 8.95
   LOCATION L0003633     VOLUME   418616.554 3727170.854 8.59
   LOCATION L0003634     VOLUME   418644.581 3727204.773 8.23
   LOCATION L0003635     VOLUME   418672.609 3727238.691 8.44
   LOCATION L0003636     VOLUME   418700.474 3727272.743 8.86
   LOCATION L0003637     VOLUME   418728.301 3727306.826 9.02
   LOCATION L0003638     VOLUME   418756.128 3727340.909 9.20
   LOCATION L0003639     VOLUME   418783.956 3727374.992 9.55
   LOCATION L0003640     VOLUME   418811.783 3727409.075 9.91
   LOCATION L0003641     VOLUME   418839.610 3727443.158 10.00
   LOCATION L0003642     VOLUME   418867.363 3727477.301 10.00
   LOCATION L0003643     VOLUME   418895.095 3727511.461 10.00
   LOCATION L0003644     VOLUME   418922.827 3727545.622 10.66
   LOCATION L0003645     VOLUME   418950.560 3727579.782 11.38
   LOCATION L0003646     VOLUME   418978.292 3727613.942 11.96
   LOCATION L0003647     VOLUME   419006.024 3727648.102 11.60
   LOCATION L0003648     VOLUME   419033.756 3727682.263 11.39
   LOCATION L0003649     VOLUME   419061.474 3727716.435 11.12
   LOCATION L0003650     VOLUME   419089.185 3727750.612 10.08
   LOCATION L0003651     VOLUME   419116.896 3727784.789 8.73
   LOCATION L0003652     VOLUME   419144.608 3727818.967 7.31
** End of LINE VOLUME Source ID = 55B
** Source Parameters **
** LINE VOLUME Source ID = 55C
   SRCPARAM L0003862     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003863     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003864     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003865     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003866     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003867     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003868     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003869     0.1111111111      0.00     20.47      4.00
   SRCPARAM L0003870     0.1111111111      0.00     20.47      4.00
** ------------------------------------------------------------------
** LINE VOLUME Source ID = 55OFF
   SRCPARAM L0003138     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003139     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003140     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003141     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003142     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003143     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003144     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003145     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003146     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003147     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003148     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003149     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003150     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003151     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003152     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003153     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003154     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003155     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003156     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003157     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003158     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003159     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003160     0.0222222222      1.56      6.28      1.45
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   SRCPARAM L0003161     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003162     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003163     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003164     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003165     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003166     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003167     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003168     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003169     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003170     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003171     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003172     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003173     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003174     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003175     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003176     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003177     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003178     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003179     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003180     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003181     0.0222222222      1.56      6.28      1.45
   SRCPARAM L0003182     0.0222222222      1.56      6.28      1.45
** ------------------------------------------------------------------
** LINE VOLUME Source ID = 55ON
   SRCPARAM L0003183     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003184     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003185     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003186     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003187     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003188     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003189     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003190     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003191     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003192     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003193     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003194     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003195     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003196     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003197     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003198     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003199     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003200     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003201     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003202     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003203     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003204     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003205     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003206     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003207     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003208     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003209     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003210     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003211     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003212     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003213     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003214     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003215     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003216     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003217     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003218     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003219     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003220     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003221     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003222     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003223     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003224     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003225     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003226     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003227     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003228     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003229     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003230     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003231     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003232     0.0196078431      1.56      6.28      1.45
   SRCPARAM L0003233     0.0196078431      1.56      6.28      1.45
** ------------------------------------------------------------------
** LINE VOLUME Source ID = WBAKER
   SRCPARAM L0003302     0.0476190476      1.56     14.42      1.45
   SRCPARAM L0003303     0.0476190476      1.56     14.42      1.45
   SRCPARAM L0003304     0.0476190476      1.56     14.42      1.45
   SRCPARAM L0003305     0.0476190476      1.56     14.42      1.45
   SRCPARAM L0003306     0.0476190476      1.49     14.42      1.45
   SRCPARAM L0003307     0.0476190476      1.25     14.42      1.45
   SRCPARAM L0003308     0.0476190476      1.00     14.42      1.45
   SRCPARAM L0003309     0.0476190476      0.76     14.42      1.45
   SRCPARAM L0003310     0.0476190476      0.51     14.42      1.45
   SRCPARAM L0003311     0.0476190476      0.26     14.42      1.45
   SRCPARAM L0003312     0.0476190476      0.02     14.42      1.45
   SRCPARAM L0003313     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003314     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003315     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003316     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003317     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003318     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003319     0.0476190476      0.00     14.42      1.45
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   SRCPARAM L0003320     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003321     0.0476190476      0.00     14.42      1.45
   SRCPARAM L0003322     0.0476190476      0.00     14.42      1.45
** ------------------------------------------------------------------
** LINE VOLUME Source ID = EBAKER
   SRCPARAM L0003323          0.05      1.56     14.42      1.45
   SRCPARAM L0003324          0.05      1.56     14.42      1.45
   SRCPARAM L0003325          0.05      1.56     14.42      1.45
   SRCPARAM L0003326          0.05      1.56     14.42      1.45
   SRCPARAM L0003327          0.05      1.56     14.42      1.45
   SRCPARAM L0003328          0.05      1.32     14.42      1.45
   SRCPARAM L0003329          0.05      0.96     14.42      1.45
   SRCPARAM L0003330          0.05      0.59     14.42      1.45
   SRCPARAM L0003331          0.05      0.22     14.42      1.45
   SRCPARAM L0003332          0.05      0.00     14.42      1.45
   SRCPARAM L0003333          0.05      0.00     14.42      1.45
   SRCPARAM L0003334          0.05      0.00     14.42      1.45
   SRCPARAM L0003335          0.05      0.00     14.42      1.45
   SRCPARAM L0003336          0.05      0.00     14.42      1.45
   SRCPARAM L0003337          0.05      0.00     14.42      1.45
   SRCPARAM L0003338          0.05      0.00     14.42      1.45
   SRCPARAM L0003339          0.05      0.00     14.42      1.45
   SRCPARAM L0003340          0.05      0.00     14.42      1.45
   SRCPARAM L0003341          0.05      0.00     14.42      1.45
   SRCPARAM L0003342          0.05      0.00     14.42      1.45
** ------------------------------------------------------------------
** LINE VOLUME Source ID = PULL
   SRCPARAM L0003274     0.0526315789      1.56     11.16      1.45
   SRCPARAM L0003275     0.0526315789      1.56     11.16      1.45
   SRCPARAM L0003276     0.0526315789      1.56     11.16      1.45
   SRCPARAM L0003277     0.0526315789      1.04     11.16      1.45
   SRCPARAM L0003278     0.0526315789      0.24     11.16      1.45
   SRCPARAM L0003279     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003280     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003281     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003282     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003283     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003284     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003285     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003286     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003287     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003288     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003289     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003290     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003291     0.0526315789      0.00     11.16      1.45
   SRCPARAM L0003292     0.0526315789      0.00     11.16      1.45
** ------------------------------------------------------------------
** LINE VOLUME Source ID = BRIGGS
   SRCPARAM L0003293     0.1111111111      1.56     11.16      1.45
   SRCPARAM L0003294     0.1111111111      1.56     11.16      1.45
   SRCPARAM L0003295     0.1111111111      0.38     11.16      1.45
   SRCPARAM L0003296     0.1111111111      0.00     11.16      1.45
   SRCPARAM L0003297     0.1111111111      0.00     11.16      1.45
   SRCPARAM L0003298     0.1111111111      0.00     11.16      1.45
   SRCPARAM L0003299     0.1111111111      0.00     11.16      1.45
   SRCPARAM L0003300     0.1111111111      0.00     11.16      1.45
   SRCPARAM L0003301     0.1111111111      0.00     11.16      1.45
** ------------------------------------------------------------------
** LINE VOLUME Source ID = 55A
   SRCPARAM L0003593     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003594     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003595     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003596     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003597     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003598     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003599     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003600     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003601     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003602     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003603     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003604     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003605     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003606     0.0666666667      7.05     20.47      4.00
   SRCPARAM L0003607     0.0666666667      7.05     20.47      4.00
** ------------------------------------------------------------------
** LINE VOLUME Source ID = 55B
   SRCPARAM L0003608     0.0222222222      7.05     20.47      4.00
   SRCPARAM L0003609     0.0222222222      7.05     20.47      4.00
   SRCPARAM L0003610     0.0222222222      7.05     20.47      4.00
   SRCPARAM L0003611     0.0222222222      7.05     20.47      4.00
   SRCPARAM L0003612     0.0222222222      7.05     20.47      4.00
   SRCPARAM L0003613     0.0222222222      5.67     20.47      4.00
   SRCPARAM L0003614     0.0222222222      3.72     20.47      4.00
   SRCPARAM L0003615     0.0222222222      1.77     20.47      4.00
   SRCPARAM L0003616     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003617     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003618     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003619     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003620     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003621     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003622     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003623     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003624     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003625     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003626     0.0222222222      0.00     20.47      4.00
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   SRCPARAM L0003627     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003628     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003629     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003630     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003631     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003632     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003633     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003634     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003635     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003636     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003637     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003638     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003639     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003640     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003641     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003642     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003643     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003644     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003645     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003646     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003647     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003648     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003649     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003650     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003651     0.0222222222      0.00     20.47      4.00
   SRCPARAM L0003652     0.0222222222      0.00     20.47      4.00
** ------------------------------------------------------------------
   URBANSRC ALL
   SRCGROUP 55C      L0003862 L0003863 L0003864 L0003865 L0003866 L0003867
   SRCGROUP 55C      L0003868 L0003869 L0003870
   SRCGROUP 55Off    L0003138 L0003139 L0003140 L0003141 L0003142 L0003143
   SRCGROUP 55Off    L0003144 L0003145 L0003146 L0003147 L0003148 L0003149
   SRCGROUP 55Off    L0003150 L0003151 L0003152 L0003153 L0003154 L0003155
   SRCGROUP 55Off    L0003156 L0003157 L0003158 L0003159 L0003160 L0003161
   SRCGROUP 55Off    L0003162 L0003163 L0003164 L0003165 L0003166 L0003167
   SRCGROUP 55Off    L0003168 L0003169 L0003170 L0003171 L0003172 L0003173
   SRCGROUP 55Off    L0003174 L0003175 L0003176 L0003177 L0003178 L0003179
   SRCGROUP 55Off    L0003180 L0003181 L0003182
   SRCGROUP 55on     L0003183 L0003184 L0003185 L0003186 L0003187 L0003188
   SRCGROUP 55on     L0003189 L0003190 L0003191 L0003192 L0003193 L0003194
   SRCGROUP 55on     L0003195 L0003196 L0003197 L0003198 L0003199 L0003200
   SRCGROUP 55on     L0003201 L0003202 L0003203 L0003204 L0003205 L0003206
   SRCGROUP 55on     L0003207 L0003208 L0003209 L0003210 L0003211 L0003212
   SRCGROUP 55on     L0003213 L0003214 L0003215 L0003216 L0003217 L0003218
   SRCGROUP 55on     L0003219 L0003220 L0003221 L0003222 L0003223 L0003224
   SRCGROUP 55on     L0003225 L0003226 L0003227 L0003228 L0003229 L0003230
   SRCGROUP 55on     L0003231 L0003232 L0003233
   SRCGROUP Briggs   L0003293 L0003294 L0003295 L0003296 L0003297 L0003298
   SRCGROUP Briggs   L0003299 L0003300 L0003301
   SRCGROUP EBaker   L0003323 L0003324 L0003325 L0003326 L0003327 L0003328
   SRCGROUP EBaker   L0003329 L0003330 L0003331 L0003332 L0003333 L0003334
   SRCGROUP EBaker   L0003335 L0003336 L0003337 L0003338 L0003339 L0003340
   SRCGROUP EBaker   L0003341 L0003342
   SRCGROUP PUll     L0003274 L0003275 L0003276 L0003277 L0003278 L0003279
   SRCGROUP PUll     L0003280 L0003281 L0003282 L0003283 L0003284 L0003285
   SRCGROUP PUll     L0003286 L0003287 L0003288 L0003289 L0003290 L0003291
   SRCGROUP PUll     L0003292
   SRCGROUP WBaker   L0003302 L0003303 L0003304 L0003305 L0003306 L0003307
   SRCGROUP WBaker   L0003308 L0003309 L0003310 L0003311 L0003312 L0003313
   SRCGROUP WBaker   L0003314 L0003315 L0003316 L0003317 L0003318 L0003319
   SRCGROUP WBaker   L0003320 L0003321 L0003322
   SRCGROUP 55A      L0003593 L0003594 L0003595 L0003596 L0003597 L0003598
   SRCGROUP 55A      L0003599 L0003600 L0003601 L0003602 L0003603 L0003604
   SRCGROUP 55A      L0003605 L0003606 L0003607
   SRCGROUP 55B      L0003608 L0003609 L0003610 L0003611 L0003612 L0003613
   SRCGROUP 55B      L0003614 L0003615 L0003616 L0003617 L0003618 L0003619
   SRCGROUP 55B      L0003620 L0003621 L0003622 L0003623 L0003624 L0003625
   SRCGROUP 55B      L0003626 L0003627 L0003628 L0003629 L0003630 L0003631
   SRCGROUP 55B      L0003632 L0003633 L0003634 L0003635 L0003636 L0003637
   SRCGROUP 55B      L0003638 L0003639 L0003640 L0003641 L0003642 L0003643
   SRCGROUP 55B      L0003644 L0003645 L0003646 L0003647 L0003648 L0003649
   SRCGROUP 55B      L0003650 L0003651 L0003652
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "125 Baker Street.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE ..\MnM\csta6.sfc
   PROFFILE ..\MnM\csta6.PFL
   SURFDATA 0 2005 Costa_Mesa 414160.00 3726190.00
   UAIRDATA 3190 2005 Costa_Mesa
   SITEDATA 99999 2005
```

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   PROFBASE 20.0 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 24 1ST
** Auto-Generated Plotfiles
   PLOTFILE 24 ALL 1ST "125 BAKER STREET.AD\24H1GALL.PLT" 31
   PLOTFILE 24 55C 1ST "125 BAKER STREET.AD\24H1G001.PLT" 32
   PLOTFILE 24 55Off 1ST "125 BAKER STREET.AD\24H1G002.PLT" 33
   PLOTFILE 24 55on 1ST "125 BAKER STREET.AD\24H1G003.PLT" 34
   PLOTFILE 24 Briggs 1ST "125 BAKER STREET.AD\24H1G004.PLT" 35
   PLOTFILE 24 EBaker 1ST "125 BAKER STREET.AD\24H1G005.PLT" 36
   PLOTFILE 24 PUll 1ST "125 BAKER STREET.AD\24H1G006.PLT" 37
   PLOTFILE 24 WBaker 1ST "125 BAKER STREET.AD\24H1G007.PLT" 38
   PLOTFILE 24 55A 1ST "125 BAKER STREET.AD\24H1G008.PLT" 39
   PLOTFILE 24 55B 1ST "125 BAKER STREET.AD\24H1G009.PLT" 40
   PLOTFILE ANNUAL ALL "125 BAKER STREET.AD\AN00GALL.PLT" 41
   PLOTFILE ANNUAL 55C "125 BAKER STREET.AD\AN00G001.PLT" 42
   PLOTFILE ANNUAL 55Off "125 BAKER STREET.AD\AN00G002.PLT" 43
   PLOTFILE ANNUAL 55on "125 BAKER STREET.AD\AN00G003.PLT" 44
   PLOTFILE ANNUAL Briggs "125 BAKER STREET.AD\AN00G004.PLT" 45
   PLOTFILE ANNUAL EBaker "125 BAKER STREET.AD\AN00G005.PLT" 46
   PLOTFILE ANNUAL PUll "125 BAKER STREET.AD\AN00G006.PLT" 47
   PLOTFILE ANNUAL WBaker "125 BAKER STREET.AD\AN00G007.PLT" 48
   PLOTFILE ANNUAL 55A "125 BAKER STREET.AD\AN00G008.PLT" 49
   PLOTFILE ANNUAL 55B "125 BAKER STREET.AD\AN00G009.PLT" 50
   SUMMFILE "125 Baker Street.sum"
OU FINISHED

 **********************************
 *** SETUP Finishes Successfully ***
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**MODELOPTs:  RegDFAULT CONC                                          ELEV


                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
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**MODELOPTs: RegDFAULT CONC ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003862	0	0.11111E+00	419184.2	3727857.3	5.3	0.00	20.47	4.00	YES	
L0003863	0	0.11111E+00	419211.5	3727891.8	4.4	0.00	20.47	4.00	YES	
L0003864	0	0.11111E+00	419238.7	3727926.4	4.1	0.00	20.47	4.00	YES	
L0003865	0	0.11111E+00	419266.0	3727960.9	3.5	0.00	20.47	4.00	YES	
L0003866	0	0.11111E+00	419293.2	3727995.5	3.0	0.00	20.47	4.00	YES	
L0003867	0	0.11111E+00	419320.4	3728030.0	3.0	0.00	20.47	4.00	YES	
L0003868	0	0.11111E+00	419347.7	3728064.6	3.0	0.00	20.47	4.00	YES	
L0003869	0	0.11111E+00	419374.9	3728099.1	3.0	0.00	20.47	4.00	YES	
L0003870	0	0.11111E+00	419402.2	3728133.7	3.0	0.00	20.47	4.00	YES	
L0003138	0	0.22222E-01	418126.8	3726527.4	5.0	1.56	6.28	1.45	YES	
L0003139	0	0.22222E-01	418135.8	3726537.5	5.0	1.56	6.28	1.45	YES	
L0003140	0	0.22222E-01	418144.7	3726547.6	5.0	1.56	6.28	1.45	YES	
L0003141	0	0.22222E-01	418153.7	3726557.7	5.0	1.56	6.28	1.45	YES	
L0003142	0	0.22222E-01	418162.7	3726567.7	5.0	1.56	6.28	1.45	YES	
L0003143	0	0.22222E-01	418171.7	3726577.8	5.0	1.56	6.28	1.45	YES	
L0003144	0	0.22222E-01	418180.7	3726587.9	5.0	1.56	6.28	1.45	YES	
L0003145	0	0.22222E-01	418189.7	3726598.0	5.0	1.56	6.28	1.45	YES	
L0003146	0	0.22222E-01	418198.7	3726608.0	5.0	1.56	6.28	1.45	YES	
L0003147	0	0.22222E-01	418207.6	3726618.1	5.0	1.56	6.28	1.45	YES	
L0003148	0	0.22222E-01	418216.6	3726628.2	5.0	1.56	6.28	1.45	YES	
L0003149	0	0.22222E-01	418225.6	3726638.3	5.0	1.56	6.28	1.45	YES	
L0003150	0	0.22222E-01	418234.6	3726648.3	5.0	1.56	6.28	1.45	YES	
L0003151	0	0.22222E-01	418243.6	3726658.4	5.0	1.56	6.28	1.45	YES	
L0003152	0	0.22222E-01	418252.6	3726668.5	5.0	1.56	6.28	1.45	YES	
L0003153	0	0.22222E-01	418261.6	3726678.6	5.0	1.56	6.28	1.45	YES	
L0003154	0	0.22222E-01	418270.6	3726688.6	5.0	1.56	6.28	1.45	YES	
L0003155	0	0.22222E-01	418279.5	3726698.7	5.1	1.56	6.28	1.45	YES	
L0003156	0	0.22222E-01	418288.5	3726708.8	5.2	1.56	6.28	1.45	YES	
L0003157	0	0.22222E-01	418297.5	3726718.9	5.3	1.56	6.28	1.45	YES	
L0003158	0	0.22222E-01	418306.5	3726728.9	5.4	1.56	6.28	1.45	YES	
L0003159	0	0.22222E-01	418315.5	3726739.0	5.6	1.56	6.28	1.45	YES	
L0003160	0	0.22222E-01	418324.5	3726749.1	5.7	1.56	6.28	1.45	YES	
L0003161	0	0.22222E-01	418333.5	3726759.2	5.8	1.56	6.28	1.45	YES	
L0003162	0	0.22222E-01	418342.4	3726769.2	5.9	1.56	6.28	1.45	YES	
L0003163	0	0.22222E-01	418351.4	3726779.3	6.0	1.56	6.28	1.45	YES	
L0003164	0	0.22222E-01	418360.4	3726789.4	6.1	1.56	6.28	1.45	YES	
L0003165	0	0.22222E-01	418369.4	3726799.4	6.2	1.56	6.28	1.45	YES	
L0003166	0	0.22222E-01	418378.4	3726809.5	6.4	1.56	6.28	1.45	YES	
L0003167	0	0.22222E-01	418387.4	3726819.6	6.5	1.56	6.28	1.45	YES	
L0003168	0	0.22222E-01	418396.4	3726829.7	6.6	1.56	6.28	1.45	YES	

**MODELOPTs: RegDFAULT CONC ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003169	0	0.22222E-01	418405.3	3726839.7	6.7	1.56	6.28	1.45	YES	
L0003170	0	0.22222E-01	418414.3	3726849.8	6.8	1.56	6.28	1.45	YES	
L0003171	0	0.22222E-01	418423.3	3726859.9	6.9	1.56	6.28	1.45	YES	
L0003172	0	0.22222E-01	418432.3	3726870.0	7.0	1.56	6.28	1.45	YES	
L0003173	0	0.22222E-01	418441.3	3726880.0	7.1	1.56	6.28	1.45	YES	
L0003174	0	0.22222E-01	418450.3	3726890.1	7.2	1.56	6.28	1.45	YES	
L0003175	0	0.22222E-01	418459.3	3726900.2	7.3	1.56	6.28	1.45	YES	
L0003176	0	0.22222E-01	418468.3	3726910.3	7.4	1.56	6.28	1.45	YES	
L0003177	0	0.22222E-01	418477.2	3726920.3	7.6	1.56	6.28	1.45	YES	
L0003178	0	0.22222E-01	418486.2	3726930.4	7.8	1.56	6.28	1.45	YES	
L0003179	0	0.22222E-01	418495.2	3726940.5	7.9	1.56	6.28	1.45	YES	
L0003180	0	0.22222E-01	418504.2	3726950.6	8.0	1.56	6.28	1.45	YES	
L0003181	0	0.22222E-01	418513.2	3726960.6	8.0	1.56	6.28	1.45	YES	
L0003182	0	0.22222E-01	418522.2	3726970.7	8.1	1.56	6.28	1.45	YES	
L0003183	0	0.19608E-01	418552.3	3727003.5	8.5	1.56	6.28	1.45	YES	
L0003184	0	0.19608E-01	418561.0	3727013.8	8.6	1.56	6.28	1.45	YES	
L0003185	0	0.19608E-01	418569.6	3727024.2	8.8	1.56	6.28	1.45	YES	
L0003186	0	0.19608E-01	418578.2	3727034.6	8.9	1.56	6.28	1.45	YES	
L0003187	0	0.19608E-01	418586.8	3727045.0	9.0	1.56	6.28	1.45	YES	
L0003188	0	0.19608E-01	418595.4	3727055.4	8.9	1.56	6.28	1.45	YES	
L0003189	0	0.19608E-01	418604.1	3727065.8	8.7	1.56	6.28	1.45	YES	
L0003190	0	0.19608E-01	418612.7	3727076.2	8.6	1.56	6.28	1.45	YES	
L0003191	0	0.19608E-01	418621.3	3727086.6	8.5	1.56	6.28	1.45	YES	
L0003192	0	0.19608E-01	418629.9	3727097.0	8.4	1.56	6.28	1.45	YES	
L0003193	0	0.19608E-01	418638.5	3727107.4	8.3	1.56	6.28	1.45	YES	
L0003194	0	0.19608E-01	418647.1	3727117.8	8.2	1.56	6.28	1.45	YES	
L0003195	0	0.19608E-01	418655.8	3727128.2	8.1	1.56	6.28	1.45	YES	
L0003196	0	0.19608E-01	418664.4	3727138.5	8.0	1.56	6.28	1.45	YES	
L0003197	0	0.19608E-01	418673.0	3727148.9	8.1	1.56	6.28	1.45	YES	
L0003198	0	0.19608E-01	418681.6	3727159.3	8.2	1.56	6.28	1.45	YES	
L0003199	0	0.19608E-01	418690.2	3727169.7	8.4	1.56	6.28	1.45	YES	
L0003200	0	0.19608E-01	418698.8	3727180.1	8.5	1.56	6.28	1.45	YES	
L0003201	0	0.19608E-01	418707.5	3727190.5	8.6	1.56	6.28	1.45	YES	
L0003202	0	0.19608E-01	418716.1	3727200.9	8.7	1.56	6.28	1.45	YES	
L0003203	0	0.19608E-01	418724.7	3727211.3	8.8	1.56	6.28	1.45	YES	
L0003204	0	0.19608E-01	418733.3	3727221.7	8.9	1.56	6.28	1.45	YES	
L0003205	0	0.19608E-01	418741.9	3727232.1	9.0	1.56	6.28	1.45	YES	
L0003206	0	0.19608E-01	418750.5	3727242.5	9.1	1.56	6.28	1.45	YES	
L0003207	0	0.19608E-01	418759.2	3727252.9	9.2	1.56	6.28	1.45	YES	
L0003208	0	0.19608E-01	418767.8	3727263.2	9.4	1.56	6.28	1.45	YES	

**MODELOPTs: RegDFAULT CONC ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003209	0	0.19608E-01	418776.4	3727273.6	9.5	1.56	6.28	1.45	YES	
L0003210	0	0.19608E-01	418785.0	3727284.0	9.6	1.56	6.28	1.45	YES	
L0003211	0	0.19608E-01	418793.6	3727294.4	9.7	1.56	6.28	1.45	YES	
L0003212	0	0.19608E-01	418802.3	3727304.8	9.8	1.56	6.28	1.45	YES	
L0003213	0	0.19608E-01	418810.9	3727315.2	9.9	1.56	6.28	1.45	YES	
L0003214	0	0.19608E-01	418819.5	3727325.6	10.0	1.56	6.28	1.45	YES	
L0003215	0	0.19608E-01	418828.2	3727335.9	10.0	1.56	6.28	1.45	YES	
L0003216	0	0.19608E-01	418836.9	3727346.2	10.0	1.56	6.28	1.45	YES	
L0003217	0	0.19608E-01	418845.6	3727356.6	10.0	1.56	6.28	1.45	YES	
L0003218	0	0.19608E-01	418854.3	3727366.9	10.0	1.56	6.28	1.45	YES	
L0003219	0	0.19608E-01	418863.0	3727377.2	10.0	1.56	6.28	1.45	YES	
L0003220	0	0.19608E-01	418871.6	3727387.6	10.0	1.56	6.28	1.45	YES	
L0003221	0	0.19608E-01	418880.3	3727397.9	10.0	1.56	6.28	1.45	YES	
L0003222	0	0.19608E-01	418889.0	3727408.2	10.0	1.56	6.28	1.45	YES	
L0003223	0	0.19608E-01	418897.7	3727418.6	10.0	1.56	6.28	1.45	YES	
L0003224	0	0.19608E-01	418906.4	3727428.9	10.3	1.56	6.28	1.45	YES	
L0003225	0	0.19608E-01	418915.1	3727439.2	10.5	1.56	6.28	1.45	YES	
L0003226	0	0.19608E-01	418923.8	3727449.6	10.7	1.56	6.28	1.45	YES	
L0003227	0	0.19608E-01	418932.5	3727459.9	10.9	1.56	6.28	1.45	YES	
L0003228	0	0.19608E-01	418941.2	3727470.2	11.2	1.56	6.28	1.45	YES	
L0003229	0	0.19608E-01	418949.9	3727480.5	11.4	1.56	6.28	1.45	YES	
L0003230	0	0.19608E-01	418958.5	3727490.9	11.6	1.56	6.28	1.45	YES	
L0003231	0	0.19608E-01	418967.2	3727501.2	11.8	1.56	6.28	1.45	YES	
L0003232	0	0.19608E-01	418975.9	3727511.5	12.0	1.56	6.28	1.45	YES	
L0003233	0	0.19608E-01	418984.6	3727521.9	11.9	1.56	6.28	1.45	YES	
L0003302	0	0.47619E-01	418553.0	3726986.5	8.4	1.56	14.42	1.45	YES	
L0003303	0	0.47619E-01	418578.7	3726969.1	8.4	1.56	14.42	1.45	YES	
L0003304	0	0.47619E-01	418603.0	3726950.0	8.2	1.56	14.42	1.45	YES	
L0003305	0	0.47619E-01	418627.1	3726930.4	8.0	1.56	14.42	1.45	YES	
L0003306	0	0.47619E-01	418651.2	3726910.9	8.0	1.49	14.42	1.45	YES	
L0003307	0	0.47619E-01	418675.3	3726891.4	8.2	1.25	14.42	1.45	YES	
L0003308	0	0.47619E-01	418699.4	3726871.9	8.5	1.00	14.42	1.45	YES	
L0003309	0	0.47619E-01	418723.4	3726852.4	8.8	0.76	14.42	1.45	YES	
L0003310	0	0.47619E-01	418747.5	3726832.8	9.1	0.51	14.42	1.45	YES	
L0003311	0	0.47619E-01	418771.6	3726813.3	9.5	0.26	14.42	1.45	YES	
L0003312	0	0.47619E-01	418795.7	3726793.8	9.8	0.02	14.42	1.45	YES	
L0003313	0	0.47619E-01	418819.6	3726774.1	10.0	0.00	14.42	1.45	YES	
L0003314	0	0.47619E-01	418843.6	3726754.4	10.0	0.00	14.42	1.45	YES	
L0003315	0	0.47619E-01	418867.5	3726734.7	10.0	0.00	14.42	1.45	YES	
L0003316	0	0.47619E-01	418891.4	3726715.0	10.0	0.00	14.42	1.45	YES	

**MODELOPTs: RegDFAULT CONC ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003317	0	0.47619E-01	418915.3	3726695.3	10.3	0.00	14.42	1.45	YES	
L0003318	0	0.47619E-01	418939.3	3726675.6	10.6	0.00	14.42	1.45	YES	
L0003319	0	0.47619E-01	418963.2	3726655.8	11.0	0.00	14.42	1.45	YES	
L0003320	0	0.47619E-01	418987.1	3726636.1	10.7	0.00	14.42	1.45	YES	
L0003321	0	0.47619E-01	419011.0	3726616.4	10.2	0.00	14.42	1.45	YES	
L0003322	0	0.47619E-01	419035.0	3726596.7	9.6	0.00	14.42	1.45	YES	
L0003323	0	0.50000E-01	418526.0	3727001.1	8.2	1.56	14.42	1.45	YES	
L0003324	0	0.50000E-01	418497.1	3727012.2	7.9	1.56	14.42	1.45	YES	
L0003325	0	0.50000E-01	418467.4	3727020.4	7.5	1.56	14.42	1.45	YES	
L0003326	0	0.50000E-01	418436.7	3727025.2	7.1	1.56	14.42	1.45	YES	
L0003327	0	0.50000E-01	418406.1	3727029.9	7.0	1.56	14.42	1.45	YES	
L0003328	0	0.50000E-01	418375.3	3727031.9	7.0	1.32	14.42	1.45	YES	
L0003329	0	0.50000E-01	418344.3	3727032.4	6.9	0.96	14.42	1.45	YES	
L0003330	0	0.50000E-01	418313.3	3727032.8	6.5	0.59	14.42	1.45	YES	
L0003331	0	0.50000E-01	418282.3	3727033.2	6.1	0.22	14.42	1.45	YES	
L0003332	0	0.50000E-01	418251.3	3727033.4	6.0	0.00	14.42	1.45	YES	
L0003333	0	0.50000E-01	418220.3	3727033.3	6.0	0.00	14.42	1.45	YES	
L0003334	0	0.50000E-01	418189.3	3727033.2	5.9	0.00	14.42	1.45	YES	
L0003335	0	0.50000E-01	418158.3	3727033.1	5.5	0.00	14.42	1.45	YES	
L0003336	0	0.50000E-01	418127.3	3727033.0	5.1	0.00	14.42	1.45	YES	
L0003337	0	0.50000E-01	418096.3	3727032.9	4.7	0.00	14.42	1.45	YES	
L0003338	0	0.50000E-01	418065.3	3727032.8	4.3	0.00	14.42	1.45	YES	
L0003339	0	0.50000E-01	418034.3	3727032.7	4.1	0.00	14.42	1.45	YES	
L0003340	0	0.50000E-01	418003.3	3727032.5	4.0	0.00	14.42	1.45	YES	
L0003341	0	0.50000E-01	417972.3	3727032.4	4.0	0.00	14.42	1.45	YES	
L0003342	0	0.50000E-01	417941.3	3727032.3	4.0	0.00	14.42	1.45	YES	
L0003274	0	0.52632E-01	418643.5	3726881.2	8.0	1.56	11.16	1.45	YES	
L0003275	0	0.52632E-01	418627.1	3726863.7	8.0	1.56	11.16	1.45	YES	
L0003276	0	0.52632E-01	418606.9	3726850.9	8.0	1.56	11.16	1.45	YES	
L0003277	0	0.52632E-01	418585.1	3726841.0	8.0	1.04	11.16	1.45	YES	
L0003278	0	0.52632E-01	418562.8	3726832.1	7.8	0.24	11.16	1.45	YES	
L0003279	0	0.52632E-01	418539.8	3726825.2	7.5	0.00	11.16	1.45	YES	
L0003280	0	0.52632E-01	418516.6	3726819.1	7.1	0.00	11.16	1.45	YES	
L0003281	0	0.52632E-01	418493.4	3726813.2	7.0	0.00	11.16	1.45	YES	
L0003282	0	0.52632E-01	418469.9	3726808.2	7.0	0.00	11.16	1.45	YES	
L0003283	0	0.52632E-01	418446.9	3726801.4	7.0	0.00	11.16	1.45	YES	
L0003284	0	0.52632E-01	418425.9	3726790.4	7.0	0.00	11.16	1.45	YES	
L0003285	0	0.52632E-01	418406.2	3726776.7	6.7	0.00	11.16	1.45	YES	
L0003286	0	0.52632E-01	418389.9	3726759.2	6.5	0.00	11.16	1.45	YES	
L0003287	0	0.52632E-01	418374.2	3726741.1	6.3	0.00	11.16	1.45	YES	

**MODELOPTs: RegDFAULT CONC ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003288	0	0.52632E-01	418358.6	3726722.8	6.1	0.00	11.16	1.45	YES	
L0003289	0	0.52632E-01	418343.7	3726704.0	5.9	0.00	11.16	1.45	YES	
L0003290	0	0.52632E-01	418328.9	3726685.1	5.7	0.00	11.16	1.45	YES	
L0003291	0	0.52632E-01	418315.1	3726665.5	5.6	0.00	11.16	1.45	YES	
L0003292	0	0.52632E-01	418301.4	3726645.7	5.4	0.00	11.16	1.45	YES	
L0003293	0	0.11111E+00	418550.7	3726806.3	7.6	1.56	11.16	1.45	YES	
L0003294	0	0.11111E+00	418556.3	3726782.9	7.7	1.56	11.16	1.45	YES	
L0003295	0	0.11111E+00	418566.4	3726761.3	7.8	0.38	11.16	1.45	YES	
L0003296	0	0.11111E+00	418581.0	3726742.4	8.0	0.00	11.16	1.45	YES	
L0003297	0	0.11111E+00	418598.1	3726725.7	7.8	0.00	11.16	1.45	YES	
L0003298	0	0.11111E+00	418616.5	3726710.3	7.8	0.00	11.16	1.45	YES	
L0003299	0	0.11111E+00	418634.7	3726694.7	7.8	0.00	11.16	1.45	YES	
L0003300	0	0.11111E+00	418652.6	3726678.7	8.0	0.00	11.16	1.45	YES	
L0003301	0	0.11111E+00	418671.8	3726664.3	8.2	0.00	11.16	1.45	YES	
L0003593	0	0.66667E-01	417403.1	3725880.3	4.0	7.05	20.47	4.00	YES	
L0003594	0	0.66667E-01	417434.5	3725911.1	4.0	7.05	20.47	4.00	YES	
L0003595	0	0.66667E-01	417466.0	3725941.9	4.0	7.05	20.47	4.00	YES	
L0003596	0	0.66667E-01	417497.4	3725972.7	4.0	7.05	20.47	4.00	YES	
L0003597	0	0.66667E-01	417528.8	3726003.5	4.0	7.05	20.47	4.00	YES	
L0003598	0	0.66667E-01	417560.3	3726034.3	4.0	7.05	20.47	4.00	YES	
L0003599	0	0.66667E-01	417591.7	3726065.1	4.0	7.05	20.47	4.00	YES	
L0003600	0	0.66667E-01	417623.1	3726095.8	4.0	7.05	20.47	4.00	YES	
L0003601	0	0.66667E-01	417654.6	3726126.6	4.0	7.05	20.47	4.00	YES	
L0003602	0	0.66667E-01	417686.0	3726157.4	4.0	7.05	20.47	4.00	YES	
L0003603	0	0.66667E-01	417718.2	3726187.4	4.0	7.05	20.47	4.00	YES	
L0003604	0	0.66667E-01	417751.4	3726216.3	4.0	7.05	20.47	4.00	YES	
L0003605	0	0.66667E-01	417784.6	3726245.2	4.0	7.05	20.47	4.00	YES	
L0003606	0	0.66667E-01	417817.8	3726274.0	4.0	7.05	20.47	4.00	YES	
L0003607	0	0.66667E-01	417851.0	3726302.9	4.0	7.05	20.47	4.00	YES	
L0003608	0	0.22222E-01	417892.7	3726344.6	4.0	7.05	20.47	4.00	YES	
L0003609	0	0.22222E-01	417925.9	3726373.5	4.0	7.05	20.47	4.00	YES	
L0003610	0	0.22222E-01	417958.6	3726402.9	4.0	7.05	20.47	4.00	YES	
L0003611	0	0.22222E-01	417990.7	3726433.0	4.0	7.05	20.47	4.00	YES	
L0003612	0	0.22222E-01	418022.8	3726463.1	4.0	7.05	20.47	4.00	YES	
L0003613	0	0.22222E-01	418052.7	3726495.3	4.2	5.67	20.47	4.00	YES	
L0003614	0	0.22222E-01	418081.8	3726528.4	4.6	3.72	20.47	4.00	YES	
L0003615	0	0.22222E-01	418110.8	3726561.4	4.9	1.77	20.47	4.00	YES	
L0003616	0	0.22222E-01	418139.8	3726594.5	5.0	0.00	20.47	4.00	YES	
L0003617	0	0.22222E-01	418168.1	3726628.2	5.0	0.00	20.47	4.00	YES	
L0003618	0	0.22222E-01	418196.3	3726661.9	5.0	0.00	20.47	4.00	YES	

**MODELOPTs: RegDFAULT CONC ELEV

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0003619	0	0.22222E-01	418224.6	3726695.7	5.0	0.00	20.47	4.00	YES	
L0003620	0	0.22222E-01	418252.9	3726729.3	5.0	0.00	20.47	4.00	YES	
L0003621	0	0.22222E-01	418281.3	3726763.0	5.1	0.00	20.47	4.00	YES	
L0003622	0	0.22222E-01	418309.6	3726796.7	5.5	0.00	20.47	4.00	YES	
L0003623	0	0.22222E-01	418337.9	3726830.4	5.8	0.00	20.47	4.00	YES	
L0003624	0	0.22222E-01	418365.6	3726864.6	6.2	0.00	20.47	4.00	YES	
L0003625	0	0.22222E-01	418393.3	3726898.7	6.5	0.00	20.47	4.00	YES	
L0003626	0	0.22222E-01	418421.0	3726932.9	6.9	0.00	20.47	4.00	YES	
L0003627	0	0.22222E-01	418448.7	3726967.1	7.3	0.00	20.47	4.00	YES	
L0003628	0	0.22222E-01	418476.4	3727001.3	7.6	0.00	20.47	4.00	YES	
L0003629	0	0.22222E-01	418504.4	3727035.2	8.0	0.00	20.47	4.00	YES	
L0003630	0	0.22222E-01	418532.5	3727069.1	8.3	0.00	20.47	4.00	YES	
L0003631	0	0.22222E-01	418560.5	3727103.0	8.7	0.00	20.47	4.00	YES	
L0003632	0	0.22222E-01	418588.5	3727136.9	9.0	0.00	20.47	4.00	YES	
L0003633	0	0.22222E-01	418616.6	3727170.9	8.6	0.00	20.47	4.00	YES	
L0003634	0	0.22222E-01	418644.6	3727204.8	8.2	0.00	20.47	4.00	YES	
L0003635	0	0.22222E-01	418672.6	3727238.7	8.4	0.00	20.47	4.00	YES	
L0003636	0	0.22222E-01	418700.5	3727272.7	8.9	0.00	20.47	4.00	YES	
L0003637	0	0.22222E-01	418728.3	3727306.8	9.0	0.00	20.47	4.00	YES	
L0003638	0	0.22222E-01	418756.1	3727340.9	9.2	0.00	20.47	4.00	YES	
L0003639	0	0.22222E-01	418784.0	3727375.0	9.6	0.00	20.47	4.00	YES	
L0003640	0	0.22222E-01	418811.8	3727409.1	9.9	0.00	20.47	4.00	YES	
L0003641	0	0.22222E-01	418839.6	3727443.2	10.0	0.00	20.47	4.00	YES	
L0003642	0	0.22222E-01	418867.4	3727477.3	10.0	0.00	20.47	4.00	YES	
L0003643	0	0.22222E-01	418895.1	3727511.5	10.0	0.00	20.47	4.00	YES	
L0003644	0	0.22222E-01	418922.8	3727545.6	10.7	0.00	20.47	4.00	YES	
L0003645	0	0.22222E-01	418950.6	3727579.8	11.4	0.00	20.47	4.00	YES	
L0003646	0	0.22222E-01	418978.3	3727613.9	12.0	0.00	20.47	4.00	YES	
L0003647	0	0.22222E-01	419006.0	3727648.1	11.6	0.00	20.47	4.00	YES	
L0003648	0	0.22222E-01	419033.8	3727682.3	11.4	0.00	20.47	4.00	YES	
L0003649	0	0.22222E-01	419061.5	3727716.4	11.1	0.00	20.47	4.00	YES	
L0003650	0	0.22222E-01	419089.2	3727750.6	10.1	0.00	20.47	4.00	YES	
L0003651	0	0.22222E-01	419116.9	3727784.8	8.7	0.00	20.47	4.00	YES	
L0003652	0	0.22222E-01	419144.6	3727819.0	7.3	0.00	20.47	4.00	YES	

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
55C	L0003862 , L0003863 , L0003864 , L0003865 , L0003866 , L0003867 , L0003868 , L0003869 , L0003870 ,
55OFF	L0003138 , L0003139 , L0003140 , L0003141 , L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 , L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , L0003166 , L0003167 , L0003168 , L0003169 , L0003170 , L0003171 , L0003172 , L0003173 , L0003174 , L0003175 , L0003176 , L0003177 , L0003178 , L0003179 , L0003180 , L0003181 , L0003182 ,
55ON	L0003183 , L0003184 , L0003185 , L0003186 , L0003187 , L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 , L0003215 , L0003216 , L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , L0003222 , L0003223 , L0003224 , L0003225 , L0003226 , L0003227 , L0003228 , L0003229 , L0003230 , L0003231 , L0003232 , L0003233 ,
BRIGGS	L0003293 , L0003294 , L0003295 , L0003296 , L0003297 , L0003298 , L0003299 , L0003300 , L0003301 ,
EBAKER	L0003323 , L0003324 , L0003325 , L0003326 , L0003327 , L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 , L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs							
PULL	L0003274 ,	L0003275 ,	L0003276 ,	L0003277 ,	L0003278 ,	L0003279 ,	L0003280 ,	L0003281 ,
	L0003282 ,	L0003283 ,	L0003284 ,	L0003285 ,	L0003286 ,	L0003287 ,	L0003288 ,	L0003289 ,
	L0003290 ,	L0003291 ,	L0003292 ,					
WBAKER	L0003302 ,	L0003303 ,	L0003304 ,	L0003305 ,	L0003306 ,	L0003307 ,	L0003308 ,	L0003309 ,
	L0003310 ,	L0003311 ,	L0003312 ,	L0003313 ,	L0003314 ,	L0003315 ,	L0003316 ,	L0003317 ,
	L0003318 ,	L0003319 ,	L0003320 ,	L0003321 ,	L0003322 ,			
55A	L0003593 ,	L0003594 ,	L0003595 ,	L0003596 ,	L0003597 ,	L0003598 ,	L0003599 ,	L0003600 ,
	L0003601 ,	L0003602 ,	L0003603 ,	L0003604 ,	L0003605 ,	L0003606 ,	L0003607 ,	
55B	L0003608 ,	L0003609 ,	L0003610 ,	L0003611 ,	L0003612 ,	L0003613 ,	L0003614 ,	L0003615 ,
	L0003616 ,	L0003617 ,	L0003618 ,	L0003619 ,	L0003620 ,	L0003621 ,	L0003622 ,	L0003623 ,
	L0003624 ,	L0003625 ,	L0003626 ,	L0003627 ,	L0003628 ,	L0003629 ,	L0003630 ,	L0003631 ,
	L0003632 ,	L0003633 ,	L0003634 ,	L0003635 ,	L0003636 ,	L0003637 ,	L0003638 ,	L0003639 ,
	L0003640 ,	L0003641 ,	L0003642 ,	L0003643 ,	L0003644 ,	L0003645 ,	L0003646 ,	L0003647 ,
	L0003648 ,	L0003649 ,	L0003650 ,	L0003651 ,	L0003652 ,			
ALL	L0003862 ,	L0003863 ,	L0003864 ,	L0003865 ,	L0003866 ,	L0003867 ,	L0003868 ,	L0003869 ,
	L0003870 ,	L0003138 ,	L0003139 ,	L0003140 ,	L0003141 ,	L0003142 ,	L0003143 ,	L0003144 ,
	L0003145 ,	L0003146 ,	L0003147 ,	L0003148 ,	L0003149 ,	L0003150 ,	L0003151 ,	L0003152 ,
	L0003153 ,	L0003154 ,	L0003155 ,	L0003156 ,	L0003157 ,	L0003158 ,	L0003159 ,	L0003160 ,
	L0003161 ,	L0003162 ,	L0003163 ,	L0003164 ,	L0003165 ,	L0003166 ,	L0003167 ,	L0003168 ,
	L0003169 ,	L0003170 ,	L0003171 ,	L0003172 ,	L0003173 ,	L0003174 ,	L0003175 ,	L0003176 ,

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

L0003177 , L0003178 , L0003179 , L0003180 , L0003181 , L0003182 , L0003183 , L0003184 ,
L0003185 , L0003186 , L0003187 , L0003188 , L0003189 , L0003190 , L0003191 , L0003192 ,
L0003193 , L0003194 , L0003195 , L0003196 , L0003197 , L0003198 , L0003199 , L0003200 ,
L0003201 , L0003202 , L0003203 , L0003204 , L0003205 , L0003206 , L0003207 , L0003208 ,
L0003209 , L0003210 , L0003211 , L0003212 , L0003213 , L0003214 , L0003215 , L0003216 ,
L0003217 , L0003218 , L0003219 , L0003220 , L0003221 , L0003222 , L0003223 , L0003224 ,
L0003225 , L0003226 , L0003227 , L0003228 , L0003229 , L0003230 , L0003231 , L0003232 ,
L0003233 , L0003302 , L0003303 , L0003304 , L0003305 , L0003306 , L0003307 , L0003308 ,
L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 , L0003315 , L0003316 ,
L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 , L0003323 , L0003324 ,
L0003325 , L0003326 , L0003327 , L0003328 , L0003329 , L0003330 , L0003331 , L0003332 ,
L0003333 , L0003334 , L0003335 , L0003336 , L0003337 , L0003338 , L0003339 , L0003340 ,
L0003341 , L0003342 , L0003274 , L0003275 , L0003276 , L0003277 , L0003278 , L0003279 ,
L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 , L0003287 ,
L0003288 , L0003289 , L0003290 , L0003291 , L0003292 , L0003293 , L0003294 , L0003295 ,
L0003296 , L0003297 , L0003298 , L0003299 , L0003300 , L0003301 , L0003593 , L0003594 ,
L0003595 , L0003596 , L0003597 , L0003598 , L0003599 , L0003600 , L0003601 , L0003602 ,
L0003603 , L0003604 , L0003605 , L0003606 , L0003607 , L0003608 , L0003609 , L0003610 ,
L0003611 , L0003612 , L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 ,
L0003619 , L0003620 , L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 ,

**MODELOPTs: RegDFAULT CONC ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
	L0003627 , L0003628 , L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 ,
	L0003635 , L0003636 , L0003637 , L0003638 , L0003639 , L0003640 , L0003641 , L0003642 ,
	L0003643 , L0003644 , L0003645 , L0003646 , L0003647 , L0003648 , L0003649 , L0003650 ,
	L0003651 , L0003652 ,

**MODELOPTs: RegDFAULT CONC ELEV

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

418355.9, 418365.9, 418375.9, 418385.9, 418395.9, 418405.9, 418415.9, 418425.9, 418435.9, 418445.9,
418455.9, 418465.9, 418475.9, 418485.9, 418495.9, 418505.9, 418515.9, 418525.9, 418535.9, 418545.9,
418555.9, 418565.9, 418575.9, 418585.9, 418595.9, 418605.9, 418615.9, 418625.9, 418635.9, 418645.9,
418655.9, 418665.9, 418675.9, 418685.9, 418695.9,

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

3726775.4, 3726785.4, 3726795.4, 3726805.4, 3726815.4, 3726825.4, 3726835.4, 3726845.4, 3726855.4, 3726865.4,
3726875.4, 3726885.4, 3726895.4, 3726905.4, 3726915.4, 3726925.4, 3726935.4, 3726945.4, 3726955.4, 3726965.4,
3726975.4, 3726985.4, 3726995.4, 3727005.4, 3727015.4, 3727025.4, 3727035.4, 3727045.4, 3727055.4, 3727065.4,

**MODELOPTs: RegDFAULT CONC ELEV

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	7.00	7.10	7.10	7.20	7.30	7.30	7.40	7.40	7.50
3727055.45	7.00	7.10	7.10	7.10	7.20	7.20	7.30	7.30	7.40
3727045.45	7.00	7.00	7.10	7.10	7.10	7.20	7.20	7.20	7.30
3727035.45	7.00	7.00	7.00	7.10	7.10	7.10	7.10	7.10	7.20
3727025.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10
3727015.45	6.90	6.90	6.90	7.00	7.00	7.00	7.00	7.00	7.10
3727005.45	6.80	6.80	6.90	6.90	6.90	6.90	7.00	7.00	7.10
3726995.45	6.70	6.70	6.80	6.80	6.90	6.90	6.90	7.00	7.10
3726985.45	6.60	6.70	6.70	6.80	6.80	6.90	6.90	7.00	7.10
3726975.45	6.50	6.60	6.60	6.70	6.80	6.80	6.90	7.00	7.10
3726965.45	6.40	6.50	6.60	6.70	6.70	6.80	6.90	7.00	7.10
3726955.45	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.00	7.10
3726945.45	6.20	6.30	6.40	6.50	6.60	6.80	6.90	7.00	7.10
3726935.45	6.10	6.20	6.40	6.50	6.60	6.70	6.80	7.00	7.10
3726925.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726915.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726905.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726895.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726885.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726875.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726865.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726855.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726845.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726835.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726825.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726815.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726805.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726795.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726785.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726775.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00

**MODELOPTs: RegDFAULT CONC ELEV

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	7.60	7.60	7.70	7.80	7.90	7.90	8.00	8.10	8.20
3727055.45	7.50	7.60	7.70	7.70	7.80	7.90	8.00	8.10	8.20
3727045.45	7.40	7.50	7.60	7.70	7.80	7.90	8.00	8.10	8.20
3727035.45	7.30	7.40	7.50	7.70	7.80	7.90	8.00	8.10	8.30
3727025.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.10	8.30
3727015.45	7.20	7.30	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3727005.45	7.20	7.30	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3726995.45	7.20	7.30	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3726985.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3726975.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.10	8.10
3726965.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.10
3726955.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.10
3726945.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.00
3726935.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.00
3726925.45	7.20	7.30	7.50	7.60	7.70	7.80	7.90	8.00	8.00
3726915.45	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7.90
3726905.45	7.20	7.30	7.40	7.50	7.50	7.60	7.70	7.80	7.80
3726895.45	7.10	7.20	7.30	7.40	7.50	7.50	7.60	7.70	7.70
3726885.45	7.10	7.20	7.30	7.30	7.40	7.50	7.50	7.60	7.60
3726875.45	7.10	7.10	7.20	7.30	7.30	7.40	7.40	7.50	7.60
3726865.45	7.10	7.10	7.10	7.20	7.20	7.30	7.30	7.40	7.50
3726855.45	7.00	7.10	7.10	7.10	7.10	7.20	7.20	7.30	7.40
3726845.45	7.00	7.00	7.00	7.00	7.10	7.10	7.10	7.20	7.30
3726835.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726825.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726815.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726805.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726795.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726785.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726775.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.20	7.30

**MODELOPTs: RegDFAULT CONC ELEV

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727055.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727045.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727035.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727025.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727015.45	8.40	8.50	8.60	8.70	8.80	8.90	8.80	8.70	8.50
3727005.45	8.30	8.40	8.50	8.60	8.70	8.80	8.70	8.60	8.50
3726995.45	8.30	8.40	8.50	8.50	8.60	8.70	8.60	8.50	8.40
3726985.45	8.20	8.30	8.40	8.50	8.50	8.60	8.50	8.40	8.40
3726975.45	8.20	8.30	8.30	8.40	8.40	8.50	8.40	8.40	8.30
3726965.45	8.10	8.20	8.20	8.30	8.40	8.40	8.30	8.30	8.20
3726955.45	8.10	8.10	8.20	8.20	8.30	8.30	8.20	8.20	8.20
3726945.45	8.10	8.10	8.10	8.10	8.20	8.20	8.10	8.10	8.10
3726935.45	8.00	8.00	8.00	8.00	8.10	8.10	8.10	8.00	8.00
3726925.45	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3726915.45	7.90	7.90	7.90	8.00	8.00	8.00	8.00	8.00	8.00
3726905.45	7.80	7.90	7.90	7.90	8.00	8.00	8.00	8.00	8.00
3726895.45	7.80	7.80	7.90	7.90	8.00	8.00	8.00	8.00	8.00
3726885.45	7.70	7.80	7.80	7.90	8.00	8.00	8.00	8.00	8.00
3726875.45	7.60	7.70	7.80	7.90	8.00	8.00	8.00	8.00	8.00
3726865.45	7.60	7.70	7.80	7.90	7.90	8.00	8.00	8.00	8.00
3726855.45	7.50	7.60	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726845.45	7.50	7.60	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726835.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726825.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726815.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726805.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726795.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726785.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726775.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00

**MODELOPTs: RegDFAULT CONC ELEV

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.40
3727055.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.40
3727045.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727035.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727025.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727015.45	8.40	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727005.45	8.40	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3726995.45	8.30	8.20	8.10	8.00	8.10	8.20	8.30	8.50
3726985.45	8.30	8.20	8.10	8.00	8.10	8.20	8.30	8.50
3726975.45	8.20	8.20	8.10	8.00	8.10	8.20	8.30	8.50
3726965.45	8.20	8.10	8.10	8.00	8.10	8.20	8.30	8.50
3726955.45	8.10	8.10	8.10	8.00	8.10	8.20	8.30	8.50
3726945.45	8.10	8.10	8.00	8.00	8.10	8.20	8.30	8.50
3726935.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726925.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726915.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726905.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726895.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726885.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726875.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726865.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726855.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726845.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726835.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726825.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726815.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726805.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726795.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726785.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726775.45	8.00	8.00	8.00	8.00	8.10	8.20	8.40	8.50

**MODELOPTs: RegDFAULT CONC ELEV

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	7.00	7.10	7.10	7.20	7.30	7.30	7.40	7.40	7.50
3727055.45	7.00	7.10	7.10	7.10	7.20	7.20	7.30	7.30	7.40
3727045.45	7.00	7.00	7.10	7.10	7.10	7.20	7.20	7.20	7.30
3727035.45	7.00	7.00	7.00	7.10	7.10	7.10	7.10	7.10	7.20
3727025.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10
3727015.45	6.90	6.90	6.90	7.00	7.00	7.00	7.00	7.00	7.10
3727005.45	6.80	6.80	6.90	6.90	6.90	6.90	7.00	7.00	7.10
3726995.45	6.70	6.70	6.80	6.80	6.90	6.90	6.90	7.00	7.10
3726985.45	6.60	6.70	6.70	6.80	6.80	6.90	6.90	7.00	7.10
3726975.45	6.50	6.60	6.60	6.70	6.80	6.80	6.90	7.00	7.10
3726965.45	6.40	6.50	6.60	6.70	6.70	6.80	6.90	7.00	7.10
3726955.45	6.30	6.40	6.50	6.60	6.70	6.80	6.90	7.00	7.10
3726945.45	6.20	6.30	6.40	6.50	6.60	6.80	6.90	7.00	7.10
3726935.45	6.10	6.20	6.40	6.50	6.60	6.70	6.80	7.00	7.10
3726925.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726915.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726905.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726895.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726885.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.10
3726875.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726865.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726855.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726845.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726835.45	6.10	6.20	6.30	6.50	6.60	6.70	6.80	7.00	7.00
3726825.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726815.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726805.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726795.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726785.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00
3726775.45	6.10	6.20	6.30	6.50	6.60	6.70	6.90	7.00	7.00

**MODELOPTs: RegDFAULT CONC ELEV

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	7.60	7.60	7.70	7.80	7.90	7.90	8.00	8.10	8.20
3727055.45	7.50	7.60	7.70	7.70	7.80	7.90	8.00	8.10	8.20
3727045.45	7.40	7.50	7.60	7.70	7.80	7.90	8.00	8.10	8.20
3727035.45	7.30	7.40	7.50	7.70	7.80	7.90	8.00	8.10	8.30
3727025.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.10	8.30
3727015.45	7.20	7.30	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3727005.45	7.20	7.30	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3726995.45	7.20	7.30	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3726985.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.10	8.20
3726975.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.10	8.10
3726965.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.10
3726955.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.10
3726945.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.00
3726935.45	7.20	7.40	7.50	7.60	7.70	7.90	8.00	8.00	8.00
3726925.45	7.20	7.30	7.50	7.60	7.70	7.80	7.90	8.00	8.00
3726915.45	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7.90
3726905.45	7.20	7.30	7.40	7.50	7.50	7.60	7.70	7.80	7.80
3726895.45	7.10	7.20	7.30	7.40	7.50	7.50	7.60	7.70	7.70
3726885.45	7.10	7.20	7.30	7.30	7.40	7.50	7.50	7.60	7.60
3726875.45	7.10	7.10	7.20	7.30	7.30	7.40	7.40	7.50	7.60
3726865.45	7.10	7.10	7.10	7.20	7.20	7.30	7.30	7.40	7.50
3726855.45	7.00	7.10	7.10	7.10	7.10	7.20	7.20	7.30	7.40
3726845.45	7.00	7.00	7.00	7.00	7.10	7.10	7.10	7.20	7.30
3726835.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726825.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726815.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726805.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726795.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726785.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.10	7.30
3726775.45	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.20	7.30

**MODELOPTs: RegDFAULT CONC ELEV

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727055.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727045.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727035.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727025.45	8.40	8.50	8.60	8.80	8.90	9.00	8.80	8.70	8.60
3727015.45	8.40	8.50	8.60	8.70	8.80	8.90	8.80	8.70	8.50
3727005.45	8.30	8.40	8.50	8.60	8.70	8.80	8.70	8.60	8.50
3726995.45	8.30	8.40	8.50	8.50	8.60	8.70	8.60	8.50	8.40
3726985.45	8.20	8.30	8.40	8.50	8.50	8.60	8.50	8.40	8.40
3726975.45	8.20	8.30	8.30	8.40	8.40	8.50	8.40	8.40	8.30
3726965.45	8.10	8.20	8.20	8.30	8.40	8.40	8.30	8.30	8.20
3726955.45	8.10	8.10	8.20	8.20	8.30	8.30	8.20	8.20	8.20
3726945.45	8.10	8.10	8.10	8.10	8.20	8.20	8.10	8.10	8.10
3726935.45	8.00	8.00	8.00	8.00	8.10	8.10	8.10	8.00	8.00
3726925.45	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
3726915.45	7.90	7.90	7.90	8.00	8.00	8.00	8.00	8.00	8.00
3726905.45	7.80	7.90	7.90	7.90	8.00	8.00	8.00	8.00	8.00
3726895.45	7.80	7.80	7.90	7.90	8.00	8.00	8.00	8.00	8.00
3726885.45	7.70	7.80	7.80	7.90	8.00	8.00	8.00	8.00	8.00
3726875.45	7.60	7.70	7.80	7.90	8.00	8.00	8.00	8.00	8.00
3726865.45	7.60	7.70	7.80	7.90	7.90	8.00	8.00	8.00	8.00
3726855.45	7.50	7.60	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726845.45	7.50	7.60	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726835.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726825.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726815.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726805.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726795.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726785.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00
3726775.45	7.40	7.50	7.70	7.80	7.90	8.00	8.00	8.00	8.00

**MODELOPTs: RegDFAULT CONC ELEV

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.40
3727055.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.40
3727045.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727035.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727025.45	8.50	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727015.45	8.40	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3727005.45	8.40	8.30	8.20	8.10	8.10	8.20	8.30	8.50
3726995.45	8.30	8.20	8.10	8.00	8.10	8.20	8.30	8.50
3726985.45	8.30	8.20	8.10	8.00	8.10	8.20	8.30	8.50
3726975.45	8.20	8.20	8.10	8.00	8.10	8.20	8.30	8.50
3726965.45	8.20	8.10	8.10	8.00	8.10	8.20	8.30	8.50
3726955.45	8.10	8.10	8.10	8.00	8.10	8.20	8.30	8.50
3726945.45	8.10	8.10	8.00	8.00	8.10	8.20	8.30	8.50
3726935.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726925.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726915.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726905.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726895.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726885.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726875.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726865.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726855.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726845.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726835.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726825.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726815.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726805.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726795.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726785.45	8.00	8.00	8.00	8.00	8.10	8.20	8.30	8.50
3726775.45	8.00	8.00	8.00	8.00	8.10	8.20	8.40	8.50

**MODELOPTs: RegDFAULT CONC ELEV

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

(418554.3,	3726952.9,	8.2,	8.2,	0.0);	(418588.8,	3726937.0,	8.1,	8.1,	0.0);
(418621.1,	3726898.6,	8.0,	8.0,	0.0);	(418540.3,	3726921.0,	8.0,	8.0,	0.0);
(418517.8,	3726916.4,	7.9,	7.9,	0.0);	(418554.0,	3726903.6,	7.9,	7.9,	0.0);
(418569.2,	3726897.1,	7.9,	7.9,	0.0);	(418595.6,	3726869.1,	8.0,	8.0,	0.0);
(418474.3,	3726881.1,	7.3,	7.3,	0.0);	(418522.2,	3726860.7,	7.4,	7.4,	0.0);
(418450.2,	3726839.3,	7.0,	7.0,	0.0);	(418483.6,	3726835.6,	7.0,	7.0,	0.0);
(418436.2,	3726824.7,	7.0,	7.0,	0.0);	(418425.8,	3726805.1,	7.0,	7.0,	0.0);
(418596.0,	3726915.3,	8.0,	8.0,	0.0);	(418426.1,	3726814.6,	7.0,	7.0,	0.0);
(418536.7,	3726953.1,	8.1,	8.1,	0.0);	(418556.0,	3726851.0,	7.7,	7.7,	0.0);
(418418.1,	3726821.0,	6.9,	6.9,	0.0);	(418550.1,	3726960.9,	8.2,	8.2,	0.0);
(418422.8,	3726819.5,	6.9,	6.9,	0.0);					

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003163	418355.9	3726775.4	-7.57
L0003163	418355.9	3726785.4	-5.88
L0003164	418355.9	3726785.4	-7.55
L0003164	418365.9	3726785.4	-6.73
L0003164	418355.9	3726795.4	-5.95
L0003164	418365.9	3726795.4	-5.29
L0003165	418365.9	3726785.4	0.92
L0003165	418355.9	3726795.4	0.54
L0003165	418365.9	3726795.4	-8.21
L0003165	418375.9	3726795.4	-5.84
L0003165	418365.9	3726805.4	-6.57
L0003165	418375.9	3726805.4	-4.63
L0003166	418375.9	3726795.4	0.78
L0003166	418365.9	3726805.4	-0.40
L0003166	418375.9	3726805.4	-8.75
L0003166	418385.9	3726805.4	-4.92
L0003166	418365.9	3726815.4	0.29
L0003166	418375.9	3726815.4	-7.09
L0003166	418385.9	3726815.4	-3.90
L0003167	418385.9	3726805.4	0.72
L0003167	418375.9	3726815.4	-1.34
L0003167	418385.9	3726815.4	-9.11
L0003167	418395.9	3726815.4	-3.99
L0003167	418375.9	3726825.4	-0.66
L0003167	418385.9	3726825.4	-7.48
L0003167	418395.9	3726825.4	-3.13
L0003168	418395.9	3726815.4	0.73
L0003168	418385.9	3726825.4	-2.26
L0003168	418395.9	3726825.4	-9.26
L0003168	418405.9	3726825.4	-3.04
L0003168	418385.9	3726835.4	-1.58
L0003168	418395.9	3726835.4	-7.71
L0003168	418405.9	3726835.4	-2.32
L0003169	418405.9	3726825.4	0.81
L0003169	418395.9	3726835.4	-3.16
L0003169	418405.9	3726835.4	-9.17
L0003169	418415.9	3726835.4	-2.07
L0003169	418395.9	3726845.4	-2.50
L0003169	418405.9	3726845.4	-7.77
L0003169	418415.9	3726845.4	-1.47

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003170	418415.9	3726835.4	0.96
L0003170	418405.9	3726845.4	-4.04
L0003170	418415.9	3726845.4	-8.85
L0003170	418425.9	3726845.4	-1.10
L0003170	418405.9	3726855.4	-3.39
L0003170	418415.9	3726855.4	-7.65
L0003170	418425.9	3726855.4	-0.60
L0003171	418415.9	3726855.4	-4.89
L0003171	418425.9	3726855.4	-8.34
L0003171	418435.9	3726855.4	-0.12
L0003171	418415.9	3726865.4	-4.26
L0003171	418425.9	3726865.4	-7.36
L0003171	418435.9	3726865.4	0.28
L0003172	418425.9	3726865.4	-5.69
L0003172	418435.9	3726865.4	-7.70
L0003172	418445.9	3726865.4	0.86
L0003172	418425.9	3726875.4	-5.10
L0003172	418435.9	3726875.4	-6.93
L0003173	418435.9	3726875.4	-6.45
L0003173	418445.9	3726875.4	-6.97
L0003173	418435.9	3726885.4	-5.89
L0003173	418445.9	3726885.4	-6.37
L0003174	418445.9	3726885.4	-7.13
L0003174	418455.9	3726885.4	-6.17
L0003174	418445.9	3726895.4	-6.63
L0003174	418455.9	3726895.4	-5.73
L0003175	418445.9	3726895.4	0.64
L0003175	418455.9	3726895.4	-7.71
L0003175	418465.9	3726895.4	-5.32
L0003175	418445.9	3726905.4	0.83
L0003175	418455.9	3726905.4	-7.28
L0003175	418465.9	3726905.4	-5.01
L0003176	418455.9	3726905.4	-0.28
L0003176	418465.9	3726905.4	-8.16
L0003176	418475.9	3726905.4	-4.43
L0003176	418455.9	3726915.4	-0.14
L0003176	418465.9	3726915.4	-7.83
L0003176	418475.9	3726915.4	-4.23
L0003177	418465.9	3726915.4	-1.19
L0003177	418475.9	3726915.4	-8.44

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003177	418485.9	3726915.4	-3.52
L0003177	418465.9	3726925.4	-1.10
L0003177	418475.9	3726925.4	-8.23
L0003177	418485.9	3726925.4	-3.41
L0003178	418475.9	3726925.4	-2.08
L0003178	418485.9	3726925.4	-8.53
L0003178	418495.9	3726925.4	-2.59
L0003178	418475.9	3726935.4	-2.05
L0003178	418485.9	3726935.4	-8.46
L0003178	418495.9	3726935.4	-2.56
L0003179	418485.9	3726935.4	-2.95
L0003179	418495.9	3726935.4	-8.41
L0003179	418505.9	3726935.4	-1.65
L0003179	418485.9	3726945.4	-2.98
L0003179	418495.9	3726945.4	-8.49
L0003179	418505.9	3726945.4	-1.68
L0003180	418495.9	3726945.4	-3.79
L0003180	418505.9	3726945.4	-8.10
L0003180	418515.9	3726945.4	-0.70
L0003180	418495.9	3726955.4	-3.91
L0003180	418505.9	3726955.4	-8.32
L0003180	418515.9	3726955.4	-0.79
L0003181	418505.9	3726955.4	-4.59
L0003181	418515.9	3726955.4	-7.63
L0003181	418525.9	3726955.4	0.27
L0003181	418505.9	3726965.4	-4.80
L0003181	418515.9	3726965.4	-7.96
L0003181	418525.9	3726965.4	0.13
L0003182	418515.9	3726965.4	-5.34
L0003182	418525.9	3726965.4	-7.03
L0003182	418515.9	3726975.4	-5.67
L0003182	418525.9	3726975.4	-7.45
L0003183	418545.9	3726995.4	-3.25
L0003183	418555.9	3726995.4	-4.73
L0003183	418545.9	3727005.4	-6.79
L0003183	418555.9	3727005.4	-9.39
L0003183	418565.9	3727005.4	0.24
L0003183	418545.9	3727015.4	0.10
L0003183	418555.9	3727015.4	-0.98
L0003184	418555.9	3727005.4	-3.72

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003184	418565.9	3727005.4	-3.75
L0003184	418555.9	3727015.4	-8.23
L0003184	418565.9	3727015.4	-8.27
L0003184	418555.9	3727025.4	-0.85
L0003184	418565.9	3727025.4	-0.87
L0003185	418565.9	3727015.4	-3.99
L0003185	418575.9	3727015.4	-2.66
L0003185	418555.9	3727025.4	0.19
L0003185	418565.9	3727025.4	-9.66
L0003185	418575.9	3727025.4	-7.03
L0003185	418565.9	3727035.4	-1.71
L0003185	418575.9	3727035.4	-0.61
L0003186	418575.9	3727025.4	-4.05
L0003186	418585.9	3727025.4	-1.50
L0003186	418565.9	3727035.4	-1.21
L0003186	418575.9	3727035.4	-11.10
L0003186	418585.9	3727035.4	-5.72
L0003186	418575.9	3727045.4	-2.45
L0003186	418585.9	3727045.4	-0.20
L0003187	418575.9	3727035.4	0.99
L0003187	418585.9	3727035.4	-3.89
L0003187	418595.9	3727035.4	-0.28
L0003187	418575.9	3727045.4	-2.62
L0003187	418585.9	3727045.4	-12.52
L0003187	418595.9	3727045.4	-4.37
L0003187	418585.9	3727055.4	-3.03
L0003187	418595.9	3727055.4	0.36
L0003188	418585.9	3727045.4	0.26
L0003188	418595.9	3727045.4	-3.53
L0003188	418605.9	3727045.4	0.97
L0003188	418585.9	3727055.4	-4.01
L0003188	418595.9	3727055.4	-13.00
L0003188	418605.9	3727055.4	-3.00
L0003188	418585.9	3727065.4	0.32
L0003188	418595.9	3727065.4	-3.45
L0003189	418595.9	3727055.4	-0.35
L0003189	418605.9	3727055.4	-2.98
L0003189	418595.9	3727065.4	-5.38
L0003189	418605.9	3727065.4	-11.58
L0003189	418615.9	3727065.4	-1.61

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003190	418605.9	3727065.4	-0.82
L0003190	418615.9	3727065.4	-2.27
L0003302	418545.9	3726955.4	0.80
L0003302	418555.9	3726955.4	0.15
L0003302	418535.9	3726965.4	-3.94
L0003302	418545.9	3726965.4	-8.84
L0003302	418555.9	3726965.4	-9.78
L0003302	418565.9	3726965.4	-6.32
L0003302	418575.9	3726965.4	0.11
L0003302	418525.9	3726975.4	-1.80
L0003302	418535.9	3726975.4	-10.71
L0003302	418545.9	3726975.4	-17.93
L0003302	418555.9	3726975.4	-19.60
L0003302	418565.9	3726975.4	-14.00
L0003302	418575.9	3726975.4	-5.55
L0003302	418525.9	3726985.4	-3.94
L0003302	418535.9	3726985.4	-13.92
L0003302	418545.9	3726985.4	-23.88
L0003302	418555.9	3726985.4	-27.88
L0003302	418565.9	3726985.4	-18.01
L0003302	418575.9	3726985.4	-8.03
L0003302	418525.9	3726995.4	-2.50
L0003302	418535.9	3726995.4	-11.73
L0003302	418545.9	3726995.4	-19.58
L0003302	418555.9	3726995.4	-21.54
L0003302	418565.9	3726995.4	-15.24
L0003302	418575.9	3726995.4	-6.36
L0003302	418535.9	3727005.4	-5.48
L0003302	418545.9	3727005.4	-10.75
L0003302	418555.9	3727005.4	-11.79
L0003302	418565.9	3727005.4	-8.02
L0003302	418575.9	3727005.4	-1.22
L0003302	418545.9	3727015.4	-1.17
L0003302	418555.9	3727015.4	-1.87
L0003302	418565.9	3727015.4	0.75
L0003302	418550.1	3726960.9	-5.28
L0003303	418565.9	3726945.4	-4.13
L0003303	418575.9	3726945.4	-7.18
L0003303	418585.9	3726945.4	-6.25
L0003303	418595.9	3726945.4	-1.71

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003303	418555.9	3726955.4	-4.47
L0003303	418565.9	3726955.4	-12.32
L0003303	418575.9	3726955.4	-17.07
L0003303	418585.9	3726955.4	-15.53
L0003303	418595.9	3726955.4	-8.99
L0003303	418605.9	3726955.4	-0.51
L0003303	418555.9	3726965.4	-7.97
L0003303	418565.9	3726965.4	-17.75
L0003303	418575.9	3726965.4	-26.43
L0003303	418585.9	3726965.4	-22.87
L0003303	418595.9	3726965.4	-13.36
L0003303	418605.9	3726965.4	-3.50
L0003303	418555.9	3726975.4	-7.40
L0003303	418565.9	3726975.4	-16.77
L0003303	418575.9	3726975.4	-24.10
L0003303	418585.9	3726975.4	-21.37
L0003303	418595.9	3726975.4	-12.62
L0003303	418605.9	3726975.4	-3.02
L0003303	418555.9	3726985.4	-3.00
L0003303	418565.9	3726985.4	-10.29
L0003303	418575.9	3726985.4	-14.44
L0003303	418585.9	3726985.4	-13.13
L0003303	418595.9	3726985.4	-7.24
L0003303	418605.9	3726985.4	0.78
L0003303	418565.9	3726995.4	-1.75
L0003303	418575.9	3726995.4	-4.53
L0003303	418585.9	3726995.4	-3.69
L0003303	418595.9	3726995.4	0.48
L0003303	418554.3	3726952.9	-1.74
L0003303	418550.1	3726960.9	-1.25
L0003304	418585.9	3726925.4	-1.10
L0003304	418595.9	3726925.4	-5.47
L0003304	418605.9	3726925.4	-6.31
L0003304	418615.9	3726925.4	-3.29
L0003304	418575.9	3726935.4	-0.25
L0003304	418585.9	3726935.4	-8.57
L0003304	418595.9	3726935.4	-14.84
L0003304	418605.9	3726935.4	-16.19
L0003304	418615.9	3726935.4	-11.58
L0003304	418625.9	3726935.4	-3.89

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003304	418575.9	3726945.4	-3.53
L0003304	418585.9	3726945.4	-13.31
L0003304	418595.9	3726945.4	-22.58
L0003304	418605.9	3726945.4	-25.63
L0003304	418615.9	3726945.4	-17.34
L0003304	418625.9	3726945.4	-7.66
L0003304	418575.9	3726955.4	-3.35
L0003304	418585.9	3726955.4	-13.04
L0003304	418595.9	3726955.4	-22.03
L0003304	418605.9	3726955.4	-24.81
L0003304	418615.9	3726955.4	-16.99
L0003304	418625.9	3726955.4	-7.46
L0003304	418575.9	3726965.4	0.21
L0003304	418585.9	3726965.4	-7.94
L0003304	418595.9	3726965.4	-13.97
L0003304	418605.9	3726965.4	-15.26
L0003304	418615.9	3726965.4	-10.86
L0003304	418625.9	3726965.4	-3.37
L0003304	418585.9	3726975.4	-0.32
L0003304	418595.9	3726975.4	-4.56
L0003304	418605.9	3726975.4	-5.36
L0003304	418615.9	3726975.4	-2.45
L0003304	418588.8	3726937.0	-11.75
L0003305	418615.9	3726905.4	-3.64
L0003305	418625.9	3726905.4	-6.00
L0003305	418635.9	3726905.4	-4.51
L0003305	418645.9	3726905.4	0.28
L0003305	418605.9	3726915.4	-5.07
L0003305	418615.9	3726915.4	-12.32
L0003305	418625.9	3726915.4	-15.98
L0003305	418635.9	3726915.4	-13.61
L0003305	418645.9	3726915.4	-6.94
L0003305	418595.9	3726925.4	0.56
L0003305	418605.9	3726925.4	-9.26
L0003305	418615.9	3726925.4	-18.78
L0003305	418625.9	3726925.4	-25.89
L0003305	418635.9	3726925.4	-20.86
L0003305	418645.9	3726925.4	-11.52
L0003305	418655.9	3726925.4	-1.74
L0003305	418595.9	3726935.4	0.56

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003305	418605.9	3726935.4	-9.25
L0003305	418615.9	3726935.4	-18.76
L0003305	418625.9	3726935.4	-25.85
L0003305	418635.9	3726935.4	-20.84
L0003305	418645.9	3726935.4	-11.51
L0003305	418655.9	3726935.4	-1.73
L0003305	418605.9	3726945.4	-5.05
L0003305	418615.9	3726945.4	-12.29
L0003305	418625.9	3726945.4	-15.94
L0003305	418635.9	3726945.4	-13.58
L0003305	418645.9	3726945.4	-6.91
L0003305	418615.9	3726955.4	-3.60
L0003305	418625.9	3726955.4	-5.95
L0003305	418635.9	3726955.4	-4.47
L0003305	418645.9	3726955.4	0.31
L0003306	418635.9	3726885.4	-1.35
L0003306	418645.9	3726885.4	-5.03
L0003306	418655.9	3726885.4	-5.12
L0003306	418665.9	3726885.4	-1.59
L0003306	418625.9	3726895.4	-1.42
L0003306	418635.9	3726895.4	-9.31
L0003306	418645.9	3726895.4	-14.70
L0003306	418655.9	3726895.4	-14.84
L0003306	418665.9	3726895.4	-9.64
L0003306	418675.9	3726895.4	-1.82
L0003306	418625.9	3726905.4	-5.19
L0003306	418635.9	3726905.4	-14.83
L0003306	418645.9	3726905.4	-23.45
L0003306	418655.9	3726905.4	-23.77
L0003306	418665.9	3726905.4	-15.27
L0003306	418675.9	3726905.4	-5.65
L0003306	418625.9	3726915.4	-5.36
L0003306	418635.9	3726915.4	-15.10
L0003306	418645.9	3726915.4	-24.06
L0003306	418655.9	3726915.4	-24.41
L0003306	418665.9	3726915.4	-15.55
L0003306	418675.9	3726915.4	-5.82
L0003306	418625.9	3726925.4	-1.87
L0003306	418635.9	3726925.4	-9.93
L0003306	418645.9	3726925.4	-15.53

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003306	418655.9	3726925.4	-15.68
L0003306	418665.9	3726925.4	-10.27
L0003306	418675.9	3726925.4	-2.28
L0003306	418635.9	3726935.4	-2.10
L0003306	418645.9	3726935.4	-5.89
L0003306	418655.9	3726935.4	-5.99
L0003306	418665.9	3726935.4	-2.35
L0003307	418665.9	3726865.4	-3.45
L0003307	418675.9	3726865.4	-5.06
L0003307	418685.9	3726865.4	-2.96
L0003307	418655.9	3726875.4	-5.96
L0003307	418665.9	3726875.4	-12.55
L0003307	418675.9	3726875.4	-15.06
L0003307	418685.9	3726875.4	-11.83
L0003307	418695.9	3726875.4	-4.90
L0003307	418645.9	3726885.4	-1.09
L0003307	418655.9	3726885.4	-10.79
L0003307	418665.9	3726885.4	-19.95
L0003307	418675.9	3726885.4	-25.03
L0003307	418685.9	3726885.4	-18.79
L0003307	418695.9	3726885.4	-9.49
L0003307	418645.9	3726895.4	-1.40
L0003307	418655.9	3726895.4	-11.26
L0003307	418665.9	3726895.4	-20.83
L0003307	418675.9	3726895.4	-26.88
L0003307	418685.9	3726895.4	-19.58
L0003307	418695.9	3726895.4	-9.93
L0003307	418655.9	3726905.4	-7.10
L0003307	418665.9	3726905.4	-14.12
L0003307	418675.9	3726905.4	-16.92
L0003307	418685.9	3726905.4	-13.34
L0003307	418695.9	3726905.4	-5.99
L0003307	418655.9	3726915.4	-0.14
L0003307	418665.9	3726915.4	-5.19
L0003307	418675.9	3726915.4	-6.92
L0003307	418685.9	3726915.4	-4.67
L0003307	418695.9	3726915.4	0.73
L0003308	418685.9	3726845.4	-1.38
L0003308	418695.9	3726845.4	-4.37
L0003308	418675.9	3726855.4	-2.41

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003308	418685.9	3726855.4	-9.80
L0003308	418695.9	3726855.4	-14.23
L0003308	418675.9	3726865.4	-6.73
L0003308	418685.9	3726865.4	-16.13
L0003308	418695.9	3726865.4	-23.73
L0003308	418675.9	3726875.4	-7.32
L0003308	418685.9	3726875.4	-17.12
L0003308	418695.9	3726875.4	-26.06
L0003308	418675.9	3726885.4	-3.94
L0003308	418685.9	3726885.4	-11.91
L0003308	418695.9	3726885.4	-17.00
L0003308	418685.9	3726895.4	-3.87
L0003308	418695.9	3726895.4	-7.18
L0003309	418695.9	3726845.4	-2.65
L0003309	418695.9	3726855.4	-3.33
L0003309	418695.9	3726865.4	-0.54
L0003323	418515.9	3726975.4	-3.44
L0003323	418525.9	3726975.4	-5.35
L0003323	418535.9	3726975.4	-3.51
L0003323	418505.9	3726985.4	-5.53
L0003323	418515.9	3726985.4	-12.38
L0003323	418525.9	3726985.4	-15.35
L0003323	418535.9	3726985.4	-12.49
L0003323	418545.9	3726985.4	-5.69
L0003323	418495.9	3726995.4	-0.38
L0003323	418505.9	3726995.4	-10.13
L0003323	418515.9	3726995.4	-19.43
L0003323	418525.9	3726995.4	-25.35
L0003323	418535.9	3726995.4	-19.60
L0003323	418545.9	3726995.4	-10.32
L0003323	418555.9	3726995.4	-0.57
L0003323	418495.9	3727005.4	-0.59
L0003323	418505.9	3727005.4	-10.44
L0003323	418515.9	3727005.4	-20.01
L0003323	418525.9	3727005.4	-26.65
L0003323	418535.9	3727005.4	-20.19
L0003323	418545.9	3727005.4	-10.63
L0003323	418555.9	3727005.4	-0.79
L0003323	418505.9	3727015.4	-6.31
L0003323	418515.9	3727015.4	-13.45

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003323	418525.9	3727015.4	-16.65
L0003323	418535.9	3727015.4	-13.57
L0003323	418545.9	3727015.4	-6.47
L0003323	418505.9	3727025.4	0.57
L0003323	418515.9	3727025.4	-4.64
L0003323	418525.9	3727025.4	-6.65
L0003323	418535.9	3727025.4	-4.71
L0003323	418545.9	3727025.4	0.45
L0003324	418485.9	3726985.4	-1.99
L0003324	418495.9	3726985.4	-4.20
L0003324	418505.9	3726985.4	-2.81
L0003324	418475.9	3726995.4	-3.99
L0003324	418485.9	3726995.4	-10.85
L0003324	418495.9	3726995.4	-14.18
L0003324	418505.9	3726995.4	-12.04
L0003324	418515.9	3726995.4	-5.78
L0003324	418465.9	3727005.4	0.89
L0003324	418475.9	3727005.4	-8.78
L0003324	418485.9	3727005.4	-17.94
L0003324	418495.9	3727005.4	-24.13
L0003324	418505.9	3727005.4	-19.87
L0003324	418515.9	3727005.4	-10.99
L0003324	418525.9	3727005.4	-1.38
L0003324	418465.9	3727015.4	0.33
L0003324	418475.9	3727015.4	-9.59
L0003324	418485.9	3727015.4	-19.38
L0003324	418495.9	3727015.4	-27.58
L0003324	418505.9	3727015.4	-21.60
L0003324	418515.9	3727015.4	-11.89
L0003324	418525.9	3727015.4	-1.99
L0003324	418475.9	3727025.4	-6.05
L0003324	418485.9	3727025.4	-13.70
L0003324	418495.9	3727025.4	-17.73
L0003324	418505.9	3727025.4	-15.10
L0003324	418515.9	3727025.4	-7.99
L0003324	418525.9	3727025.4	0.72
L0003324	418475.9	3727035.4	0.42
L0003324	418485.9	3727035.4	-5.24
L0003324	418495.9	3727035.4	-7.75
L0003324	418505.9	3727035.4	-6.16

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003324	418515.9	3727035.4	-1.10
L0003325	418455.9	3726995.4	-3.58
L0003325	418465.9	3726995.4	-6.04
L0003325	418475.9	3726995.4	-4.65
L0003325	418485.9	3726995.4	0.08
L0003325	418445.9	3727005.4	-4.89
L0003325	418455.9	3727005.4	-12.20
L0003325	418465.9	3727005.4	-16.01
L0003325	418475.9	3727005.4	-13.80
L0003325	418485.9	3727005.4	-7.18
L0003325	418435.9	3727015.4	0.81
L0003325	418445.9	3727015.4	-9.01
L0003325	418455.9	3727015.4	-18.55
L0003325	418465.9	3727015.4	-25.87
L0003325	418475.9	3727015.4	-21.12
L0003325	418485.9	3727015.4	-11.80
L0003325	418495.9	3727015.4	-2.02
L0003325	418435.9	3727025.4	0.84
L0003325	418445.9	3727025.4	-8.98
L0003325	418455.9	3727025.4	-18.49
L0003325	418465.9	3727025.4	-25.73
L0003325	418475.9	3727025.4	-21.05
L0003325	418485.9	3727025.4	-11.76
L0003325	418495.9	3727025.4	-1.99
L0003325	418445.9	3727035.4	-4.80
L0003325	418455.9	3727035.4	-12.08
L0003325	418465.9	3727035.4	-15.86
L0003325	418475.9	3727035.4	-13.66
L0003325	418485.9	3727035.4	-7.09
L0003325	418455.9	3727045.4	-3.44
L0003325	418465.9	3727045.4	-5.89
L0003325	418475.9	3727045.4	-4.50
L0003325	418485.9	3727045.4	0.20
L0003326	418425.9	3726995.4	0.61
L0003326	418435.9	3726995.4	-1.28
L0003326	418445.9	3726995.4	0.10
L0003326	418415.9	3727005.4	-2.34
L0003326	418425.9	3727005.4	-8.53
L0003326	418435.9	3727005.4	-11.28
L0003326	418445.9	3727005.4	-9.26

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003326	418455.9	3727005.4	-3.49
L0003326	418415.9	3727015.4	-8.04
L0003326	418425.9	3727015.4	-16.48
L0003326	418435.9	3727015.4	-21.26
L0003326	418445.9	3727015.4	-17.63
L0003326	418455.9	3727015.4	-9.49
L0003326	418465.9	3727015.4	-0.24
L0003326	418405.9	3727025.4	-0.20
L0003326	418415.9	3727025.4	-10.19
L0003326	418425.9	3727025.4	-20.19
L0003326	418435.9	3727025.4	-30.15
L0003326	418445.9	3727025.4	-21.80
L0003326	418455.9	3727025.4	-11.81
L0003326	418465.9	3727025.4	-1.81
L0003326	418415.9	3727035.4	-7.79
L0003326	418425.9	3727035.4	-16.08
L0003326	418435.9	3727035.4	-20.68
L0003326	418445.9	3727035.4	-17.20
L0003326	418455.9	3727035.4	-9.22
L0003326	418465.9	3727035.4	-0.05
L0003326	418415.9	3727045.4	-1.94
L0003326	418425.9	3727045.4	-8.01
L0003326	418435.9	3727045.4	-10.70
L0003326	418445.9	3727045.4	-8.73
L0003326	418455.9	3727045.4	-3.07
L0003326	418435.9	3727055.4	-0.70
L0003326	418445.9	3727055.4	0.65
L0003327	418385.9	3727005.4	0.73
L0003327	418395.9	3727005.4	-4.48
L0003327	418405.9	3727005.4	-6.51
L0003327	418415.9	3727005.4	-4.61
L0003327	418425.9	3727005.4	0.51
L0003327	418385.9	3727015.4	-6.16
L0003327	418395.9	3727015.4	-13.29
L0003327	418405.9	3727015.4	-16.51
L0003327	418415.9	3727015.4	-13.49
L0003327	418425.9	3727015.4	-6.45
L0003327	418375.9	3727025.4	-0.49
L0003327	418385.9	3727025.4	-10.33
L0003327	418395.9	3727025.4	-19.88

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003327	418405.9	3727025.4	-26.50
L0003327	418415.9	3727025.4	-20.20
L0003327	418425.9	3727025.4	-10.68
L0003327	418435.9	3727025.4	-0.84
L0003327	418375.9	3727035.4	-0.33
L0003327	418385.9	3727035.4	-10.09
L0003327	418395.9	3727035.4	-19.43
L0003327	418405.9	3727035.4	-25.50
L0003327	418415.9	3727035.4	-19.74
L0003327	418425.9	3727035.4	-10.43
L0003327	418435.9	3727035.4	-0.68
L0003327	418385.9	3727045.4	-5.56
L0003327	418395.9	3727045.4	-12.46
L0003327	418405.9	3727045.4	-15.50
L0003327	418415.9	3727045.4	-12.65
L0003327	418425.9	3727045.4	-5.84
L0003327	418395.9	3727055.4	-3.54
L0003327	418405.9	3727055.4	-5.50
L0003327	418415.9	3727055.4	-3.67
L0003328	418365.9	3727005.4	-2.93
L0003328	418375.9	3727005.4	-4.51
L0003328	418385.9	3727005.4	-2.44
L0003328	418355.9	3727015.4	-5.61
L0003328	418365.9	3727015.4	-12.07
L0003328	418375.9	3727015.4	-14.50
L0003328	418385.9	3727015.4	-11.35
L0003328	418395.9	3727015.4	-4.55
L0003328	418355.9	3727025.4	-10.63
L0003328	418365.9	3727025.4	-19.65
L0003328	418375.9	3727025.4	-24.48
L0003328	418385.9	3727025.4	-18.50
L0003328	418395.9	3727025.4	-9.32
L0003328	418405.9	3727025.4	0.36
L0003328	418355.9	3727035.4	-11.37
L0003328	418365.9	3727035.4	-21.05
L0003328	418375.9	3727035.4	-27.42
L0003328	418385.9	3727035.4	-19.75
L0003328	418395.9	3727035.4	-10.02
L0003328	418405.9	3727035.4	-0.12
L0003328	418355.9	3727045.4	-7.43

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003328	418365.9	3727045.4	-14.59
L0003328	418375.9	3727045.4	-17.47
L0003328	418385.9	3727045.4	-13.78
L0003328	418395.9	3727045.4	-6.29
L0003328	418355.9	3727055.4	-0.58
L0003328	418365.9	3727055.4	-5.71
L0003328	418375.9	3727055.4	-7.48
L0003328	418385.9	3727055.4	-5.18
L0003328	418395.9	3727055.4	0.31
L0003329	418355.9	3727005.4	-1.66
L0003329	418355.9	3727015.4	-10.45
L0003329	418365.9	3727015.4	-3.50
L0003329	418355.9	3727025.4	-17.43
L0003329	418365.9	3727025.4	-8.24
L0003329	418355.9	3727035.4	-18.92
L0003329	418365.9	3727035.4	-9.10
L0003329	418375.9	3727035.4	0.83
L0003329	418355.9	3727045.4	-13.46
L0003329	418365.9	3727045.4	-5.68
L0003329	418355.9	3727055.4	-5.13
L0003329	418365.9	3727055.4	0.67
L0003274	418625.9	3726865.4	-0.39
L0003274	418635.9	3726865.4	-6.49
L0003274	418645.9	3726865.4	-8.01
L0003274	418655.9	3726865.4	-3.88
L0003274	418625.9	3726875.4	-5.52
L0003274	418635.9	3726875.4	-14.49
L0003274	418645.9	3726875.4	-17.70
L0003274	418655.9	3726875.4	-10.25
L0003274	418665.9	3726875.4	-0.80
L0003274	418625.9	3726885.4	-5.96
L0003274	418635.9	3726885.4	-15.36
L0003274	418645.9	3726885.4	-19.12
L0003274	418655.9	3726885.4	-10.84
L0003274	418665.9	3726885.4	-1.14
L0003274	418625.9	3726895.4	-1.42
L0003274	418635.9	3726895.4	-7.91
L0003274	418645.9	3726895.4	-9.58
L0003274	418655.9	3726895.4	-5.10
L0003274	418645.9	3726905.4	0.34

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003275	418615.9	3726845.4	-2.59
L0003275	418625.9	3726845.4	-5.67
L0003275	418635.9	3726845.4	-3.65
L0003275	418605.9	3726855.4	-1.31
L0003275	418615.9	3726855.4	-10.13
L0003275	418625.9	3726855.4	-15.62
L0003275	418635.9	3726855.4	-11.84
L0003275	418645.9	3726855.4	-3.36
L0003275	418605.9	3726865.4	-2.81
L0003275	418615.9	3726865.4	-12.75
L0003275	418625.9	3726865.4	-21.96
L0003275	418635.9	3726865.4	-14.94
L0003275	418645.9	3726865.4	-5.03
L0003275	418605.9	3726875.4	0.15
L0003275	418615.9	3726875.4	-7.85
L0003275	418625.9	3726875.4	-12.24
L0003275	418635.9	3726875.4	-9.30
L0003275	418645.9	3726875.4	-1.77
L0003275	418615.9	3726885.4	0.39
L0003275	418625.9	3726885.4	-2.26
L0003275	418635.9	3726885.4	-0.54
L0003276	418595.9	3726835.4	-5.03
L0003276	418605.9	3726835.4	-8.47
L0003276	418615.9	3726835.4	-6.04
L0003276	418625.9	3726835.4	0.58
L0003276	418585.9	3726845.4	-2.36
L0003276	418595.9	3726845.4	-11.76
L0003276	418605.9	3726845.4	-18.42
L0003276	418615.9	3726845.4	-13.39
L0003276	418625.9	3726845.4	-4.14
L0003276	418585.9	3726855.4	-2.59
L0003276	418595.9	3726855.4	-12.18
L0003276	418605.9	3726855.4	-19.39
L0003276	418615.9	3726855.4	-13.86
L0003276	418625.9	3726855.4	-4.40
L0003276	418595.9	3726865.4	-5.83
L0003276	418605.9	3726865.4	-9.46
L0003276	418615.9	3726865.4	-6.88
L0003276	418625.9	3726865.4	-0.03
L0003276	418605.9	3726875.4	0.53

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003276	418595.6	3726869.1	-2.63
L0003277	418565.9	3726825.4	0.67
L0003277	418575.9	3726825.4	-5.96
L0003277	418585.9	3726825.4	-8.45
L0003277	418595.9	3726825.4	-5.06
L0003277	418565.9	3726835.4	-4.05
L0003277	418575.9	3726835.4	-13.29
L0003277	418585.9	3726835.4	-18.41
L0003277	418595.9	3726835.4	-11.83
L0003277	418605.9	3726835.4	-2.44
L0003277	418565.9	3726845.4	-4.31
L0003277	418575.9	3726845.4	-13.79
L0003277	418585.9	3726845.4	-19.44
L0003277	418595.9	3726845.4	-12.27
L0003277	418605.9	3726845.4	-2.69
L0003277	418565.9	3726855.4	0.03
L0003277	418575.9	3726855.4	-6.86
L0003277	418585.9	3726855.4	-9.49
L0003277	418595.9	3726855.4	-5.91
L0003277	418585.9	3726865.4	0.50
L0003278	418545.9	3726815.4	-0.27
L0003278	418555.9	3726815.4	-5.95
L0003278	418565.9	3726815.4	-7.00
L0003278	418575.9	3726815.4	-2.74
L0003278	418545.9	3726825.4	-5.86
L0003278	418555.9	3726825.4	-14.41
L0003278	418565.9	3726825.4	-16.59
L0003278	418575.9	3726825.4	-9.24
L0003278	418585.9	3726825.4	0.10
L0003278	418545.9	3726835.4	-6.82
L0003278	418555.9	3726835.4	-16.39
L0003278	418565.9	3726835.4	-19.43
L0003278	418575.9	3726835.4	-10.44
L0003278	418585.9	3726835.4	-0.61
L0003278	418545.9	3726845.4	-2.52
L0003278	418555.9	3726845.4	-9.03
L0003278	418565.9	3726845.4	-10.32
L0003278	418575.9	3726845.4	-5.29
L0003278	418555.9	3726855.4	0.30
L0003278	418565.9	3726855.4	-0.48

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003278	418556.0	3726851.0	-3.91
L0003279	418525.9	3726805.4	0.18
L0003279	418535.9	3726805.4	-3.84
L0003279	418545.9	3726805.4	-3.30
L0003279	418525.9	3726815.4	-6.99
L0003279	418535.9	3726815.4	-13.47
L0003279	418545.9	3726815.4	-12.48
L0003279	418555.9	3726815.4	-5.17
L0003279	418515.9	3726825.4	-0.08
L0003279	418525.9	3726825.4	-10.08
L0003279	418535.9	3726825.4	-20.08
L0003279	418545.9	3726825.4	-17.90
L0003279	418555.9	3726825.4	-7.90
L0003279	418525.9	3726835.4	-6.73
L0003279	418535.9	3726835.4	-13.05
L0003279	418545.9	3726835.4	-12.09
L0003279	418555.9	3726835.4	-4.93
L0003279	418525.9	3726845.4	0.55
L0003279	418535.9	3726845.4	-3.39
L0003279	418545.9	3726845.4	-2.87
L0003280	418515.9	3726795.4	-0.29
L0003280	418495.9	3726805.4	0.82
L0003280	418505.9	3726805.4	-6.62
L0003280	418515.9	3726805.4	-10.29
L0003280	418525.9	3726805.4	-7.44
L0003280	418535.9	3726805.4	-0.33
L0003280	418495.9	3726815.4	-2.98
L0003280	418505.9	3726815.4	-12.68
L0003280	418515.9	3726815.4	-20.24
L0003280	418525.9	3726815.4	-13.98
L0003280	418535.9	3726815.4	-4.34
L0003280	418495.9	3726825.4	-2.36
L0003280	418505.9	3726825.4	-11.58
L0003280	418515.9	3726825.4	-17.65
L0003280	418525.9	3726825.4	-12.75
L0003280	418535.9	3726825.4	-3.68
L0003280	418505.9	3726835.4	-4.49
L0003280	418515.9	3726835.4	-7.67
L0003280	418525.9	3726835.4	-5.21
L0003281	418475.9	3726795.4	0.89

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003281	418485.9	3726795.4	-4.75
L0003281	418495.9	3726795.4	-6.06
L0003281	418505.9	3726795.4	-2.25
L0003281	418475.9	3726805.4	-4.91
L0003281	418485.9	3726805.4	-13.25
L0003281	418495.9	3726805.4	-15.83
L0003281	418505.9	3726805.4	-9.24
L0003281	418515.9	3726805.4	-0.14
L0003281	418475.9	3726815.4	-6.41
L0003281	418485.9	3726815.4	-16.22
L0003281	418495.9	3726815.4	-20.59
L0003281	418505.9	3726815.4	-11.24
L0003281	418515.9	3726815.4	-1.32
L0003281	418475.9	3726825.4	-2.68
L0003281	418485.9	3726825.4	-9.66
L0003281	418495.9	3726825.4	-11.48
L0003281	418505.9	3726825.4	-6.45
L0003281	418485.9	3726835.4	-0.53
L0003281	418495.9	3726835.4	-1.60
L0003281	418483.6	3726835.6	0.43
L0003282	418465.9	3726785.4	-0.93
L0003282	418475.9	3726785.4	-0.49
L0003282	418455.9	3726795.4	-5.10
L0003282	418465.9	3726795.4	-10.67
L0003282	418475.9	3726795.4	-9.92
L0003282	418485.9	3726795.4	-3.53
L0003282	418445.9	3726805.4	0.13
L0003282	418455.9	3726805.4	-9.76
L0003282	418465.9	3726805.4	-19.18
L0003282	418475.9	3726805.4	-17.38
L0003282	418485.9	3726805.4	-7.74
L0003282	418455.9	3726815.4	-8.24
L0003282	418465.9	3726815.4	-15.70
L0003282	418475.9	3726815.4	-14.54
L0003282	418485.9	3726815.4	-6.39
L0003282	418455.9	3726825.4	-1.77
L0003282	418465.9	3726825.4	-6.26
L0003282	418475.9	3726825.4	-5.69
L0003282	418485.9	3726825.4	-0.43
L0003283	418435.9	3726785.4	-4.63

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003283	418445.9	3726785.4	-8.00
L0003283	418455.9	3726785.4	-5.65
L0003283	418465.9	3726785.4	0.85
L0003283	418425.9	3726795.4	-2.20
L0003283	418435.9	3726795.4	-11.51
L0003283	418445.9	3726795.4	-17.95
L0003283	418455.9	3726795.4	-13.17
L0003283	418465.9	3726795.4	-4.05
L0003283	418425.9	3726805.4	-2.64
L0003283	418435.9	3726805.4	-12.31
L0003283	418445.9	3726805.4	-19.84
L0003283	418455.9	3726805.4	-14.10
L0003283	418465.9	3726805.4	-4.54
L0003283	418435.9	3726815.4	-6.18
L0003283	418445.9	3726815.4	-9.92
L0003283	418455.9	3726815.4	-7.30
L0003283	418465.9	3726815.4	-0.35
L0003283	418445.9	3726825.4	0.06
L0003283	418425.8	3726805.1	-2.57
L0003283	418426.1	3726814.6	0.62
L0003284	418405.9	3726775.4	0.93
L0003284	418415.9	3726775.4	-6.03
L0003284	418425.9	3726775.4	-9.01
L0003284	418435.9	3726775.4	-5.94
L0003284	418405.9	3726785.4	-3.46
L0003284	418415.9	3726785.4	-12.89
L0003284	418425.9	3726785.4	-19.01
L0003284	418435.9	3726785.4	-12.75
L0003284	418445.9	3726785.4	-3.31
L0003284	418405.9	3726795.4	-3.45
L0003284	418415.9	3726795.4	-12.88
L0003284	418425.9	3726795.4	-18.97
L0003284	418435.9	3726795.4	-12.73
L0003284	418445.9	3726795.4	-3.30
L0003284	418405.9	3726805.4	0.95
L0003284	418415.9	3726805.4	-5.99
L0003284	418425.9	3726805.4	-8.97
L0003284	418435.9	3726805.4	-5.91
L0003284	418425.8	3726805.1	-9.32
L0003284	418426.1	3726814.6	0.20

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003285	418385.9	3726775.4	-3.74
L0003285	418395.9	3726775.4	-13.70
L0003285	418405.9	3726775.4	-22.69
L0003285	418415.9	3726775.4	-14.12
L0003285	418425.9	3726775.4	-4.16
L0003285	418385.9	3726785.4	-1.98
L0003285	418395.9	3726785.4	-10.57
L0003285	418405.9	3726785.4	-15.28
L0003285	418415.9	3726785.4	-10.89
L0003285	418425.9	3726785.4	-2.37
L0003285	418395.9	3726795.4	-2.67
L0003285	418405.9	3726795.4	-5.28
L0003285	418415.9	3726795.4	-2.87
L0003286	418375.9	3726775.4	-2.61
L0003286	418385.9	3726775.4	-7.30
L0003286	418395.9	3726775.4	-6.68
L0003286	418405.9	3726775.4	-1.17
L0003293	418545.9	3726785.4	-2.64
L0003293	418555.9	3726785.4	-2.54
L0003293	418535.9	3726795.4	-5.67
L0003293	418545.9	3726795.4	-12.17
L0003293	418555.9	3726795.4	-12.00
L0003293	418565.9	3726795.4	-5.34
L0003293	418525.9	3726805.4	0.82
L0003293	418535.9	3726805.4	-9.17
L0003293	418545.9	3726805.4	-19.13
L0003293	418555.9	3726805.4	-18.73
L0003293	418565.9	3726805.4	-8.77
L0003293	418535.9	3726815.4	-6.57
L0003293	418545.9	3726815.4	-13.63
L0003293	418555.9	3726815.4	-13.44
L0003293	418565.9	3726815.4	-6.23
L0003293	418535.9	3726825.4	0.24
L0003293	418545.9	3726825.4	-4.21
L0003293	418555.9	3726825.4	-4.11
L0003293	418565.9	3726825.4	0.49
L0003294	418535.9	3726775.4	-2.30
L0003294	418545.9	3726775.4	-11.22
L0003294	418555.9	3726775.4	-16.52
L0003294	418565.9	3726775.4	-11.81

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003294	418575.9	3726775.4	-2.99
L0003294	418535.9	3726785.4	-3.47
L0003294	418545.9	3726785.4	-13.32
L0003294	418555.9	3726785.4	-21.43
L0003294	418565.9	3726785.4	-14.04
L0003294	418575.9	3726785.4	-4.20
L0003294	418535.9	3726795.4	-0.08
L0003294	418545.9	3726795.4	-7.73
L0003294	418555.9	3726795.4	-11.45
L0003294	418565.9	3726795.4	-8.19
L0003294	418575.9	3726795.4	-0.70
L0003294	418545.9	3726805.4	0.81
L0003294	418555.9	3726805.4	-1.46
L0003294	418565.9	3726805.4	0.51
L0003295	418545.9	3726775.4	0.87
L0003295	418555.9	3726775.4	-6.42
L0003295	418565.9	3726775.4	-9.87
L0003295	418575.9	3726775.4	-6.96
L0003295	418585.9	3726775.4	0.10
L0003295	418565.9	3726785.4	0.13
L0003623	418355.9	3726795.4	-4.67
L0003623	418365.9	3726795.4	0.81
L0003623	418355.9	3726805.4	-13.21
L0003623	418365.9	3726805.4	-6.45
L0003623	418355.9	3726815.4	-20.56
L0003623	418365.9	3726815.4	-12.20
L0003623	418375.9	3726815.4	-3.10
L0003623	418355.9	3726825.4	-25.26
L0003623	418365.9	3726825.4	-15.49
L0003623	418375.9	3726825.4	-5.61
L0003623	418355.9	3726835.4	-25.23
L0003623	418365.9	3726835.4	-15.47
L0003623	418375.9	3726835.4	-5.59
L0003623	418355.9	3726845.4	-20.47
L0003623	418365.9	3726845.4	-12.14
L0003623	418375.9	3726845.4	-3.05
L0003623	418355.9	3726855.4	-13.10
L0003623	418365.9	3726855.4	-6.36
L0003623	418355.9	3726865.4	-4.55
L0003623	418365.9	3726865.4	0.92

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003624	418355.9	3726825.4	-3.73
L0003624	418365.9	3726825.4	-4.90
L0003624	418375.9	3726825.4	-3.54
L0003624	418385.9	3726825.4	0.09
L0003624	418355.9	3726835.4	-13.35
L0003624	418365.9	3726835.4	-14.90
L0003624	418375.9	3726835.4	-13.10
L0003624	418385.9	3726835.4	-8.47
L0003624	418395.9	3726835.4	-1.93
L0003624	418355.9	3726845.4	-22.61
L0003624	418365.9	3726845.4	-24.89
L0003624	418375.9	3726845.4	-22.26
L0003624	418385.9	3726845.4	-16.07
L0003624	418395.9	3726845.4	-8.12
L0003624	418405.9	3726845.4	0.66
L0003624	418355.9	3726855.4	-30.76
L0003624	418365.9	3726855.4	-34.89
L0003624	418375.9	3726855.4	-30.20
L0003624	418385.9	3726855.4	-21.69
L0003624	418395.9	3726855.4	-12.29
L0003624	418405.9	3726855.4	-2.61
L0003624	418355.9	3726865.4	-34.35
L0003624	418365.9	3726865.4	-43.05
L0003624	418375.9	3726865.4	-33.59
L0003624	418385.9	3726865.4	-23.61
L0003624	418395.9	3726865.4	-13.62
L0003624	418405.9	3726865.4	-3.62
L0003624	418355.9	3726875.4	-29.48
L0003624	418365.9	3726875.4	-33.12
L0003624	418375.9	3726875.4	-28.97
L0003624	418385.9	3726875.4	-20.90
L0003624	418395.9	3726875.4	-11.74
L0003624	418405.9	3726875.4	-2.19
L0003624	418355.9	3726885.4	-21.01
L0003624	418365.9	3726885.4	-23.12
L0003624	418375.9	3726885.4	-20.69
L0003624	418385.9	3726885.4	-14.83
L0003624	418395.9	3726885.4	-7.14
L0003624	418355.9	3726895.4	-11.66
L0003624	418365.9	3726895.4	-13.12

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003624	418375.9	3726895.4	-11.43
L0003624	418385.9	3726895.4	-7.01
L0003624	418395.9	3726895.4	-0.69
L0003624	418355.9	3726905.4	-2.01
L0003624	418365.9	3726905.4	-3.12
L0003624	418375.9	3726905.4	-1.83
L0003625	418385.9	3726855.4	-0.10
L0003625	418395.9	3726855.4	-0.64
L0003625	418365.9	3726865.4	-0.94
L0003625	418375.9	3726865.4	-6.48
L0003625	418385.9	3726865.4	-9.92
L0003625	418395.9	3726865.4	-10.61
L0003625	418405.9	3726865.4	-8.39
L0003625	418415.9	3726865.4	-3.73
L0003625	418355.9	3726875.4	-0.01
L0003625	418365.9	3726875.4	-8.10
L0003625	418375.9	3726875.4	-14.98
L0003625	418385.9	3726875.4	-19.59
L0003625	418395.9	3726875.4	-20.56
L0003625	418405.9	3726875.4	-17.49
L0003625	418415.9	3726875.4	-11.50
L0003625	418425.9	3726875.4	-3.88
L0003625	418355.9	3726885.4	-4.39
L0003625	418365.9	3726885.4	-13.62
L0003625	418375.9	3726885.4	-22.17
L0003625	418385.9	3726885.4	-28.83
L0003625	418395.9	3726885.4	-30.45
L0003625	418405.9	3726885.4	-25.64
L0003625	418415.9	3726885.4	-17.73
L0003625	418425.9	3726885.4	-8.74
L0003625	418435.9	3726885.4	0.69
L0003625	418355.9	3726895.4	-6.54
L0003625	418365.9	3726895.4	-16.49
L0003625	418375.9	3726895.4	-26.37
L0003625	418385.9	3726895.4	-35.98
L0003625	418395.9	3726895.4	-39.77
L0003625	418405.9	3726895.4	-30.92
L0003625	418415.9	3726895.4	-21.10
L0003625	418425.9	3726895.4	-11.17
L0003625	418435.9	3726895.4	-1.21

**MODELOPTs: RegDFAULT CONC ELEV

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003625	418355.9	3726905.4	-6.09
L0003625	418365.9	3726905.4	-15.87
L0003625	418375.9	3726905.4	-25.43
L0003625	418385.9	3726905.4	-34.08
L0003625	418395.9	3726905.4	-36.79
L0003625	418405.9	3726905.4	-29.67
L0003625	418415.9	3726905.4	-20.37
L0003625	418425.9	3726905.4	-10.66
L0003625	418435.9	3726905.4	-0.81
L0003625	418355.9	3726915.4	-3.12
L0003625	418365.9	3726915.4	-11.98
L0003625	418375.9	3726915.4	-19.94
L0003625	418385.9	3726915.4	-25.77
L0003625	418395.9	3726915.4	-27.09
L0003625	418405.9	3726915.4	-23.04
L0003625	418415.9	3726915.4	-15.85
L0003625	418425.9	3726915.4	-7.31
L0003625	418365.9	3726925.4	-5.80
L0003625	418375.9	3726925.4	-12.18
L0003625	418385.9	3726925.4	-16.32
L0003625	418395.9	3726925.4	-17.17
L0003625	418405.9	3726925.4	-14.45
L0003625	418415.9	3726925.4	-8.98
L0003625	418425.9	3726925.4	-1.81
L0003625	418375.9	3726935.4	-3.42
L0003625	418385.9	3726935.4	-6.58
L0003625	418395.9	3726935.4	-7.21
L0003625	418405.9	3726935.4	-5.18
L0003625	418415.9	3726935.4	-0.87
L0003626	418405.9	3726895.4	-3.63
L0003626	418415.9	3726895.4	-6.20
L0003626	418425.9	3726895.4	-6.21
L0003626	418435.9	3726895.4	-3.66
L0003626	418385.9	3726905.4	0.51
L0003626	418395.9	3726905.4	-6.84
L0003626	418405.9	3726905.4	-12.69
L0003626	418415.9	3726905.4	-16.08
L0003626	418425.9	3726905.4	-16.09
L0003626	418435.9	3726905.4	-12.72
L0003626	418445.9	3726905.4	-6.89

**MODELOPTs: RegDFAULT CONC ELEV

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003626	418455.9	3726905.4	0.46
L0003626	418385.9	3726915.4	-4.86
L0003626	418395.9	3726915.4	-13.48
L0003626	418405.9	3726915.4	-20.96
L0003626	418415.9	3726915.4	-25.83
L0003626	418425.9	3726915.4	-25.84
L0003626	418435.9	3726915.4	-21.00
L0003626	418445.9	3726915.4	-13.54
L0003626	418455.9	3726915.4	-4.92
L0003626	418385.9	3726925.4	-8.19
L0003626	418395.9	3726925.4	-17.88
L0003626	418405.9	3726925.4	-27.22
L0003626	418415.9	3726925.4	-35.00
L0003626	418425.9	3726925.4	-35.04
L0003626	418435.9	3726925.4	-27.28
L0003626	418445.9	3726925.4	-17.95
L0003626	418455.9	3726925.4	-8.25
L0003626	418385.9	3726935.4	-8.89
L0003626	418395.9	3726935.4	-18.85
L0003626	418405.9	3726935.4	-28.77
L0003626	418415.9	3726935.4	-38.38
L0003626	418425.9	3726935.4	-38.44
L0003626	418435.9	3726935.4	-28.83
L0003626	418445.9	3726935.4	-18.92
L0003626	418455.9	3726935.4	-8.95
L0003626	418385.9	3726945.4	-6.80
L0003626	418395.9	3726945.4	-16.02
L0003626	418405.9	3726945.4	-24.44
L0003626	418415.9	3726945.4	-30.51
L0003626	418425.9	3726945.4	-30.54
L0003626	418435.9	3726945.4	-24.49
L0003626	418445.9	3726945.4	-16.08
L0003626	418455.9	3726945.4	-6.87
L0003626	418385.9	3726955.4	-2.36
L0003626	418395.9	3726955.4	-10.33
L0003626	418405.9	3726955.4	-16.93
L0003626	418415.9	3726955.4	-20.93
L0003626	418425.9	3726955.4	-20.94
L0003626	418435.9	3726955.4	-16.97
L0003626	418445.9	3726955.4	-10.38

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003626	418455.9	3726955.4	-2.42
L0003626	418395.9	3726965.4	-2.97
L0003626	418405.9	3726965.4	-8.18
L0003626	418415.9	3726965.4	-11.10
L0003626	418425.9	3726965.4	-11.11
L0003626	418435.9	3726965.4	-8.21
L0003626	418445.9	3726965.4	-3.01
L0003626	418415.9	3726975.4	-1.19
L0003626	418425.9	3726975.4	-1.20
L0003627	418435.9	3726925.4	-0.45
L0003627	418445.9	3726925.4	-2.27
L0003627	418455.9	3726925.4	-1.73
L0003627	418425.9	3726935.4	-5.03
L0003627	418435.9	3726935.4	-9.89
L0003627	418445.9	3726935.4	-12.24
L0003627	418455.9	3726935.4	-11.53
L0003627	418465.9	3726935.4	-7.96
L0003627	418475.9	3726935.4	-2.24
L0003627	418415.9	3726945.4	-4.76
L0003627	418425.9	3726945.4	-12.61
L0003627	418435.9	3726945.4	-18.89
L0003627	418445.9	3726945.4	-22.18
L0003627	418455.9	3726945.4	-21.17
L0003627	418465.9	3726945.4	-16.32
L0003627	418475.9	3726945.4	-9.20
L0003627	418485.9	3726945.4	-0.92
L0003627	418405.9	3726955.4	0.29
L0003627	418415.9	3726955.4	-9.26
L0003627	418425.9	3726955.4	-18.46
L0003627	418435.9	3726955.4	-26.74
L0003627	418445.9	3726955.4	-32.04
L0003627	418455.9	3726955.4	-30.28
L0003627	418465.9	3726955.4	-23.18
L0003627	418475.9	3726955.4	-14.36
L0003627	418485.9	3726955.4	-4.97
L0003627	418405.9	3726965.4	-1.24
L0003627	418415.9	3726965.4	-11.23
L0003627	418425.9	3726965.4	-21.21
L0003627	418435.9	3726965.4	-31.16
L0003627	418445.9	3726965.4	-40.81

**MODELOPTs: RegDFAULT CONC ELEV

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003627	418455.9	3726965.4	-36.57
L0003627	418465.9	3726965.4	-26.67
L0003627	418475.9	3726965.4	-16.70
L0003627	418485.9	3726965.4	-6.71
L0003627	418405.9	3726975.4	-0.46
L0003627	418415.9	3726975.4	-10.22
L0003627	418425.9	3726975.4	-19.79
L0003627	418435.9	3726975.4	-28.78
L0003627	418445.9	3726975.4	-35.23
L0003627	418455.9	3726975.4	-32.95
L0003627	418465.9	3726975.4	-24.84
L0003627	418475.9	3726975.4	-15.50
L0003627	418485.9	3726975.4	-5.83
L0003627	418415.9	3726985.4	-6.48
L0003627	418425.9	3726985.4	-14.79
L0003627	418435.9	3726985.4	-21.68
L0003627	418445.9	3726985.4	-25.46
L0003627	418455.9	3726985.4	-24.28
L0003627	418465.9	3726985.4	-18.82
L0003627	418475.9	3726985.4	-11.15
L0003627	418485.9	3726985.4	-2.48
L0003627	418415.9	3726995.4	-0.70
L0003627	418425.9	3726995.4	-7.67
L0003627	418435.9	3726995.4	-12.93
L0003627	418445.9	3726995.4	-15.53
L0003627	418455.9	3726995.4	-14.75
L0003627	418465.9	3726995.4	-10.82
L0003627	418475.9	3726995.4	-4.69
L0003627	418425.9	3727005.4	0.57
L0003627	418435.9	3727005.4	-3.60
L0003627	418445.9	3727005.4	-5.57
L0003627	418455.9	3727005.4	-4.98
L0003627	418465.9	3727005.4	-1.96
L0003628	418455.9	3726965.4	-2.76
L0003628	418465.9	3726965.4	-6.70
L0003628	418475.9	3726965.4	-8.20
L0003628	418485.9	3726965.4	-6.95
L0003628	418495.9	3726965.4	-3.22
L0003628	418445.9	3726975.4	-4.07
L0003628	418455.9	3726975.4	-11.06

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003628	418465.9	3726975.4	-16.15
L0003628	418475.9	3726975.4	-18.19
L0003628	418485.9	3726975.4	-16.50
L0003628	418495.9	3726975.4	-11.65
L0003628	418505.9	3726975.4	-4.79
L0003628	418435.9	3726985.4	-0.55
L0003628	418445.9	3726985.4	-9.68
L0003628	418455.9	3726985.4	-18.14
L0003628	418465.9	3726985.4	-25.04
L0003628	418475.9	3726985.4	-28.19
L0003628	418485.9	3726985.4	-25.55
L0003628	418495.9	3726985.4	-18.89
L0003628	418505.9	3726985.4	-10.52
L0003628	418515.9	3726985.4	-1.44
L0003628	418435.9	3726995.4	-3.12
L0003628	418445.9	3726995.4	-12.98
L0003628	418455.9	3726995.4	-22.72
L0003628	418465.9	3726995.4	-32.03
L0003628	418475.9	3726995.4	-38.18
L0003628	418485.9	3726995.4	-32.85
L0003628	418495.9	3726995.4	-23.64
L0003628	418505.9	3726995.4	-13.92
L0003628	418515.9	3726995.4	-4.06
L0003628	418435.9	3727005.4	-3.32
L0003628	418445.9	3727005.4	-13.25
L0003628	418455.9	3727005.4	-23.11
L0003628	418465.9	3727005.4	-32.73
L0003628	418475.9	3727005.4	-39.80
L0003628	418485.9	3727005.4	-33.61
L0003628	418495.9	3727005.4	-24.04
L0003628	418505.9	3727005.4	-14.19
L0003628	418515.9	3727005.4	-4.27
L0003628	418435.9	3727015.4	-1.12
L0003628	418445.9	3727015.4	-10.39
L0003628	418455.9	3727015.4	-19.10
L0003628	418465.9	3727015.4	-26.37
L0003628	418475.9	3727015.4	-29.81
L0003628	418485.9	3727015.4	-26.92
L0003628	418495.9	3727015.4	-19.88
L0003628	418505.9	3727015.4	-11.26

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003628	418515.9	3727015.4	-2.02
L0003628	418445.9	3727025.4	-5.10
L0003628	418455.9	3727025.4	-12.32
L0003628	418465.9	3727025.4	-17.65
L0003628	418475.9	3727025.4	-19.82
L0003628	418485.9	3727025.4	-18.02
L0003628	418495.9	3727025.4	-12.93
L0003628	418505.9	3727025.4	-5.84
L0003628	418455.9	3727035.4	-4.16
L0003628	418465.9	3727035.4	-8.25
L0003628	418475.9	3727035.4	-9.82
L0003628	418485.9	3727035.4	-8.52
L0003628	418495.9	3727035.4	-4.64
L0003628	418475.9	3727045.4	0.18
L0003629	418485.9	3726995.4	-0.18
L0003629	418495.9	3726995.4	-3.38
L0003629	418505.9	3726995.4	-4.25
L0003629	418515.9	3726995.4	-2.65
L0003629	418475.9	3727005.4	-2.82
L0003629	418485.9	3727005.4	-8.99
L0003629	418495.9	3727005.4	-13.09
L0003629	418505.9	3727005.4	-14.24
L0003629	418515.9	3727005.4	-12.14
L0003629	418525.9	3727005.4	-7.32
L0003629	418535.9	3727005.4	-0.70
L0003629	418465.9	3727015.4	-0.75
L0003629	418475.9	3727015.4	-9.34
L0003629	418485.9	3727015.4	-16.96
L0003629	418495.9	3727015.4	-22.53
L0003629	418505.9	3727015.4	-24.22
L0003629	418515.9	3727015.4	-21.18
L0003629	418525.9	3727015.4	-14.83
L0003629	418535.9	3727015.4	-6.85
L0003629	418465.9	3727025.4	-4.30
L0003629	418475.9	3727025.4	-13.89
L0003629	418485.9	3727025.4	-23.10
L0003629	418495.9	3727025.4	-31.09
L0003629	418505.9	3727025.4	-34.17
L0003629	418515.9	3727025.4	-28.95
L0003629	418525.9	3727025.4	-20.41

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003629	418535.9	3727025.4	-11.05
L0003629	418545.9	3727025.4	-1.39
L0003629	418465.9	3727035.4	-5.51
L0003629	418475.9	3727035.4	-15.51
L0003629	418485.9	3727035.4	-25.50
L0003629	418495.9	3727035.4	-35.50
L0003629	418505.9	3727035.4	-42.49
L0003629	418515.9	3727035.4	-32.51
L0003629	418525.9	3727035.4	-22.51
L0003629	418535.9	3727035.4	-12.51
L0003629	418545.9	3727035.4	-2.51
L0003629	418465.9	3727045.4	-4.16
L0003629	418475.9	3727045.4	-13.71
L0003629	418485.9	3727045.4	-22.85
L0003629	418495.9	3727045.4	-30.68
L0003629	418505.9	3727045.4	-33.63
L0003629	418515.9	3727045.4	-28.60
L0003629	418525.9	3727045.4	-20.19
L0003629	418535.9	3727045.4	-10.88
L0003629	418545.9	3727045.4	-1.26
L0003629	418465.9	3727055.4	-0.50
L0003629	418475.9	3727055.4	-9.03
L0003629	418485.9	3727055.4	-16.56
L0003629	418495.9	3727055.4	-22.03
L0003629	418505.9	3727055.4	-23.69
L0003629	418515.9	3727055.4	-20.71
L0003629	418525.9	3727055.4	-14.46
L0003629	418535.9	3727055.4	-6.56
L0003629	418475.9	3727065.4	-2.43
L0003629	418485.9	3727065.4	-8.53
L0003629	418495.9	3727065.4	-12.57
L0003629	418505.9	3727065.4	-13.70
L0003629	418515.9	3727065.4	-11.63
L0003629	418525.9	3727065.4	-6.88
L0003629	418535.9	3727065.4	-0.33
L0003630	418525.9	3727025.4	0.12
L0003630	418535.9	3727025.4	-0.22
L0003630	418505.9	3727035.4	-1.16
L0003630	418515.9	3727035.4	-6.52
L0003630	418525.9	3727035.4	-9.73

**MODELOPTs: RegDFAULT CONC ELEV

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

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0003630	418535.9	3727035.4	-10.18
L0003630	418545.9	3727035.4	-7.77
L0003630	418555.9	3727035.4	-2.99
L0003630	418495.9	3727045.4	-0.49
L0003630	418505.9	3727045.4	-8.47
L0003630	418515.9	3727045.4	-15.16
L0003630	418525.9	3727045.4	-19.48
L0003630	418535.9	3727045.4	-20.11
L0003630	418545.9	3727045.4	-16.80
L0003630	418555.9	3727045.4	-10.69
L0003630	418565.9	3727045.4	-3.03
L0003630	418495.9	3727055.4	-5.01
L0003630	418505.9	3727055.4	-14.17
L0003630	418515.9	3727055.4	-22.57
L0003630	418525.9	3727055.4	-28.88
L0003630	418535.9	3727055.4	-29.93
L0003630	418545.9	3727055.4	-24.84
L0003630	418555.9	3727055.4	-16.86
L0003630	418565.9	3727055.4	-7.87
L0003630	418495.9	3727065.4	-7.30
L0003630	418505.9	3727065.4	-17.23
L0003630	418515.9	3727065.4	-27.08
L0003630	418525.9	3727065.4	-36.53
L0003630	418535.9	3727065.4	-38.98
L0003630	418545.9	3727065.4	-30.06
L0003630	418555.9	3727065.4	-20.26
L0003630	418565.9	3727065.4	-10.34
L0003630	418575.9	3727065.4	-0.39
L0003631	418535.9	3727065.4	0.87
L0003631	418545.9	3727065.4	-3.72
L0003631	418555.9	3727065.4	-6.17
L0003631	418565.9	3727065.4	-6.05
L0003631	418575.9	3727065.4	-3.39

**MODELOPTs: RegDFAULT CONC ELEV

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

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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

**MODELOPTs: RegDFAULT CONC ELEV

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

Surface file: ..\MnM\csta6.sfc Met Version: 12345
Profile file: ..\MnM\csta6.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 0 Upper air station no.: 3190
Name: COSTA_MESA Name: COSTA_MESA
Year: 2005 Year: 2005

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
05	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	281.4	5.5
05	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	281.4	5.5
05	01	01	1	03	-0.2	0.017	-9.000	-9.000	-999.	5.	1.9	0.35	1.00	1.00	0.28	59.	9.1	280.9	5.5
05	01	01	1	04	-0.2	0.017	-9.000	-9.000	-999.	5.	1.9	0.35	1.00	1.00	0.28	78.	9.1	280.4	5.5
05	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	279.9	5.5
05	01	01	1	06	-0.2	0.017	-9.000	-9.000	-999.	5.	2.2	0.35	1.00	1.00	0.28	82.	9.1	279.9	5.5
05	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	279.2	5.5
05	01	01	1	08	-0.2	0.017	-9.000	-9.000	-999.	5.	2.1	0.35	1.00	0.53	0.28	77.	9.1	279.9	5.5
05	01	01	1	09	43.6	0.097	0.496	0.005	101.	69.	-1.9	0.35	1.00	0.31	0.40	69.	9.1	282.5	5.5
05	01	01	1	10	111.3	0.110	1.392	0.006	876.	84.	-1.1	0.35	1.00	0.24	0.40	68.	9.1	285.4	5.5
05	01	01	1	11	136.0	0.113	1.658	0.010	1210.	87.	-1.0	0.35	1.00	0.21	0.40	54.	9.1	287.5	5.5
05	01	01	1	12	14.1	0.083	0.779	0.010	1213.	55.	-3.7	0.35	1.00	0.20	0.40	328.	9.1	285.9	5.5
05	01	01	1	13	27.0	0.091	0.970	0.010	1219.	63.	-2.5	0.35	1.00	0.20	0.40	233.	9.1	286.4	5.5
05	01	01	1	14	17.0	0.144	0.833	0.009	1223.	126.	-16.0	0.35	1.00	0.21	0.90	215.	9.1	286.4	5.5
05	01	01	1	15	3.8	0.126	0.504	0.009	1224.	103.	-48.2	0.35	1.00	0.24	0.90	206.	9.1	286.4	5.5
05	01	01	1	16	0.1	0.111	0.151	0.009	1223.	85.	-1237.1	0.35	1.00	0.33	0.90	188.	9.1	285.9	5.5
05	01	01	1	17	-0.5	0.024	-9.000	-9.000	-999.	18.	2.8	0.35	1.00	0.60	0.40	214.	9.1	285.9	5.5
05	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	285.4	5.5
05	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	284.9	5.5
05	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	284.2	5.5
05	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	283.8	5.5
05	01	01	1	22	-0.2	0.017	-9.000	-9.000	-999.	5.	2.6	0.35	1.00	1.00	0.28	91.	9.1	283.1	5.5
05	01	01	1	23	-0.2	0.017	-9.000	-9.000	-999.	5.	2.6	0.35	1.00	1.00	0.28	80.	9.1	283.1	5.5
05	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.35	1.00	1.00	999.00	999.	-9.0	282.0	5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
05	01	01	01	5.5	0	-999.	-99.00	281.5	99.0	-99.00	-99.00
05	01	01	01	9.1	1	-999.	0.10	-999.0	99.0	-99.00	-99.00

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

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	1.39111	1.40366	1.41637	1.42914	1.44203	1.45507	1.46817	1.48142	1.49473
3727055.45	1.37853	1.39082	1.40327	1.41582	1.42843	1.44119	1.45401	1.46698	1.47999
3727045.45	1.36606	1.37815	1.39029	1.40258	1.41497	1.42741	1.44000	1.45268	1.46541
3727035.45	1.35371	1.36554	1.37748	1.38947	1.40160	1.41382	1.42613	1.43854	1.45099
3727025.45	1.34147	1.35306	1.36475	1.37653	1.38840	1.40037	1.41242	1.42455	1.43673
3727015.45	1.32938	1.34074	1.35219	1.36368	1.37530	1.38701	1.39880	1.41067	1.42259
3727005.45	1.31741	1.32854	1.33971	1.35100	1.36238	1.37384	1.38533	1.39695	1.40860
3726995.45	1.30555	1.31645	1.32739	1.33845	1.34955	1.36077	1.37206	1.38338	1.39478
3726985.45	1.29380	1.30445	1.31520	1.32599	1.33690	1.34783	1.35888	1.36996	1.38111
3726975.45	1.28217	1.29260	1.30313	1.31370	1.32434	1.33508	1.34586	1.35670	1.36760
3726965.45	1.27065	1.28087	1.29115	1.30150	1.31195	1.32243	1.33298	1.34359	1.35425
3726955.45	1.25925	1.26926	1.27933	1.28947	1.29967	1.30993	1.32025	1.33062	1.34106
3726945.45	1.24796	1.25777	1.26763	1.27756	1.28755	1.29756	1.30766	1.31781	1.32803
3726935.45	1.23679	1.24639	1.25603	1.26575	1.27553	1.28536	1.29525	1.30515	1.31514
3726925.45	1.22569	1.23511	1.24458	1.25406	1.26364	1.27327	1.28295	1.29264	1.30242
3726915.45	1.21471	1.22394	1.23321	1.24251	1.25189	1.26131	1.27079	1.28027	1.28984
3726905.45	1.20385	1.21289	1.22197	1.23108	1.24026	1.24949	1.25877	1.26806	1.27742
3726895.45	1.19310	1.20195	1.21086	1.21978	1.22877	1.23781	1.24689	1.25598	1.26515
3726885.45	1.18246	1.19114	1.19986	1.20860	1.21741	1.22626	1.23516	1.24405	1.25302
3726875.45	1.17193	1.18044	1.18899	1.19755	1.20618	1.21485	1.22356	1.23227	1.24108
3726865.45	1.16152	1.16986	1.17824	1.18662	1.19507	1.20357	1.21209	1.22062	1.22925
3726855.45	1.15122	1.15939	1.16760	1.17582	1.18410	1.19242	1.20077	1.20912	1.21757
3726845.45	1.14103	1.14904	1.15708	1.16513	1.17325	1.18140	1.18957	1.19775	1.20602
3726835.45	1.13095	1.13880	1.14669	1.15457	1.16252	1.17051	1.17852	1.18652	1.19462
3726825.45	1.12098	1.12868	1.13641	1.14413	1.15192	1.15974	1.16756	1.17543	1.18336
3726815.45	1.11112	1.11867	1.12624	1.13381	1.14145	1.14911	1.15676	1.16447	1.17224
3726805.45	1.10137	1.10877	1.11619	1.12361	1.13109	1.13860	1.14610	1.15365	1.16125
3726795.45	1.09172	1.09898	1.10625	1.11353	1.12086	1.12821	1.13556	1.14296	1.15041
3726785.45	1.08218	1.08929	1.09643	1.10356	1.11075	1.11795	1.12515	1.13239	1.13969
3726775.45	1.07275	1.07972	1.08672	1.09371	1.10075	1.10781	1.11486	1.12196	1.12911

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	1.50815	1.52172	1.53533	1.54905	1.56286	1.57683	1.59077	1.60424	1.61764
3727055.45	1.49311	1.50632	1.51963	1.53308	1.54658	1.56016	1.57377	1.58690	1.59996
3727045.45	1.47824	1.49115	1.50416	1.51725	1.53043	1.54370	1.55698	1.56978	1.58252
3727035.45	1.46353	1.47616	1.48887	1.50161	1.51449	1.52744	1.54041	1.55289	1.56446
3727025.45	1.44899	1.46129	1.47371	1.48622	1.49879	1.51139	1.52406	1.53623	1.54749
3727015.45	1.43458	1.44664	1.45874	1.47096	1.48324	1.49555	1.50791	1.51979	1.53158
3727005.45	1.42033	1.43212	1.44395	1.45588	1.46789	1.47991	1.49198	1.50356	1.51506
3726995.45	1.40624	1.41778	1.42933	1.44100	1.45273	1.46447	1.47626	1.48756	1.49877
3726985.45	1.39232	1.40356	1.41490	1.42630	1.43776	1.44923	1.46075	1.47177	1.48270
3726975.45	1.37857	1.38956	1.40064	1.41179	1.42299	1.43420	1.44544	1.45619	1.46764
3726965.45	1.36498	1.37572	1.38656	1.39746	1.40841	1.41935	1.43034	1.44148	1.45201
3726955.45	1.35155	1.36206	1.37266	1.38331	1.39401	1.40471	1.41544	1.42632	1.43659
3726945.45	1.33829	1.34856	1.35893	1.36934	1.37980	1.39025	1.40074	1.41137	1.42204
3726935.45	1.32519	1.33523	1.34537	1.35555	1.36577	1.37599	1.38623	1.39662	1.40704
3726925.45	1.31224	1.32211	1.33198	1.34194	1.35193	1.36196	1.37203	1.38207	1.39225
3726915.45	1.29945	1.30911	1.31880	1.32854	1.33831	1.34812	1.35796	1.36783	1.37777
3726905.45	1.28682	1.29627	1.30575	1.31527	1.32487	1.33445	1.34407	1.35372	1.36344
3726895.45	1.27439	1.28363	1.29291	1.30222	1.31156	1.32097	1.33037	1.33980	1.34930
3726885.45	1.26207	1.27111	1.28018	1.28933	1.29847	1.30763	1.31686	1.32608	1.33536
3726875.45	1.24990	1.25878	1.26766	1.27657	1.28554	1.29450	1.30353	1.31254	1.32156
3726865.45	1.23788	1.24657	1.25530	1.26401	1.27279	1.28155	1.29038	1.29918	1.30801
3726855.45	1.22605	1.23452	1.24306	1.25162	1.26020	1.26878	1.27740	1.28601	1.29464
3726845.45	1.21432	1.22265	1.23101	1.23938	1.24775	1.25617	1.26461	1.27302	1.28145
3726835.45	1.20275	1.21090	1.21907	1.22727	1.23549	1.24373	1.25198	1.26021	1.26841
3726825.45	1.19132	1.19930	1.20730	1.21532	1.22336	1.23141	1.23949	1.24754	1.25556
3726815.45	1.18003	1.18784	1.19567	1.20352	1.21139	1.21927	1.22716	1.23504	1.24288
3726805.45	1.16888	1.17653	1.18419	1.19188	1.19957	1.20729	1.21501	1.22271	1.23038
3726795.45	1.15787	1.16536	1.17287	1.18039	1.18792	1.19546	1.20302	1.21055	1.21805
3726785.45	1.14701	1.15434	1.16168	1.16904	1.17642	1.18380	1.19119	1.19856	1.20589
3726775.45	1.13627	1.14345	1.15064	1.15785	1.16507	1.17229	1.17952	1.18670	1.19390

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	1.63022	1.64374	1.65725	1.66956	1.68301	1.69651	1.71343	1.72935	1.74535
3727055.45	1.61219	1.62537	1.63852	1.65049	1.66357	1.67671	1.69322	1.70875	1.72435
3727045.45	1.59442	1.60725	1.62006	1.63169	1.64442	1.65721	1.67333	1.68848	1.70369
3727035.45	1.57688	1.58939	1.60187	1.61316	1.62556	1.63800	1.65375	1.66852	1.68335
3727025.45	1.55960	1.57178	1.58393	1.59491	1.60697	1.61908	1.63447	1.64888	1.66334
3727015.45	1.54255	1.55442	1.56626	1.57799	1.58973	1.60151	1.61549	1.62954	1.64461
3727005.45	1.52657	1.53812	1.54973	1.56130	1.57276	1.58423	1.59789	1.61160	1.62522
3726995.45	1.50998	1.52124	1.53256	1.54472	1.55603	1.56722	1.58055	1.59380	1.60702
3726985.45	1.49447	1.50544	1.51644	1.52750	1.53941	1.55045	1.56333	1.57620	1.58824
3726975.45	1.47834	1.48903	1.50059	1.51134	1.52297	1.53380	1.54631	1.55803	1.57065
3726965.45	1.46323	1.47369	1.48498	1.49546	1.50596	1.51733	1.52959	1.54101	1.55335
3726955.45	1.44755	1.45854	1.46876	1.47981	1.49004	1.50114	1.51313	1.52428	1.53544
3726945.45	1.43208	1.44281	1.45358	1.46437	1.47438	1.48521	1.49689	1.50777	1.51866
3726935.45	1.41749	1.42798	1.43849	1.44903	1.45891	1.46949	1.48008	1.49139	1.50202
3726925.45	1.40246	1.41270	1.42296	1.43325	1.44356	1.45388	1.46422	1.47457	1.48493
3726915.45	1.38775	1.39775	1.40777	1.41770	1.42776	1.43783	1.44792	1.45801	1.46812
3726905.45	1.37318	1.38290	1.39268	1.40249	1.41220	1.42203	1.43187	1.44172	1.45157
3726895.45	1.35877	1.36831	1.37782	1.38739	1.39687	1.40646	1.41606	1.42567	1.43528
3726885.45	1.34461	1.35388	1.36322	1.37252	1.38177	1.39113	1.40050	1.40988	1.41925
3726875.45	1.33065	1.33971	1.34878	1.35787	1.36689	1.37603	1.38518	1.39433	1.40347
3726865.45	1.31684	1.32570	1.33456	1.34343	1.35235	1.36117	1.37009	1.37902	1.38794
3726855.45	1.30328	1.31192	1.32058	1.32925	1.33791	1.34652	1.35524	1.36395	1.37266
3726845.45	1.28986	1.29831	1.30677	1.31523	1.32370	1.33210	1.34061	1.34911	1.35761
3726835.45	1.27667	1.28493	1.29315	1.30142	1.30969	1.31789	1.32620	1.33450	1.34280
3726825.45	1.26362	1.27170	1.27973	1.28781	1.29589	1.30390	1.31201	1.32012	1.32822
3726815.45	1.25076	1.25865	1.26651	1.27440	1.28229	1.29012	1.29804	1.30596	1.31386
3726805.45	1.23809	1.24580	1.25348	1.26119	1.26890	1.27654	1.28428	1.29201	1.29973
3726795.45	1.22559	1.23313	1.24063	1.24817	1.25570	1.26317	1.27073	1.27828	1.28582
3726785.45	1.21326	1.22064	1.22797	1.23534	1.24270	1.25000	1.25738	1.26476	1.27212
3726775.45	1.20111	1.20832	1.21549	1.22270	1.22989	1.23702	1.24424	1.25144	1.25864

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	1.76129	1.77821	1.79428	1.81038	1.82553	1.83969	1.85383	1.86796
3727055.45	1.73988	1.75638	1.77203	1.78770	1.80243	1.81618	1.82989	1.84361
3727045.45	1.71882	1.73491	1.75015	1.76541	1.77973	1.79308	1.80638	1.81869
3727035.45	1.69809	1.71379	1.72863	1.74349	1.75742	1.77038	1.78330	1.79522
3727025.45	1.67771	1.69302	1.70748	1.72195	1.73550	1.74809	1.76062	1.77218
3727015.45	1.65856	1.67259	1.68668	1.70078	1.71396	1.72618	1.73836	1.74955
3727005.45	1.63882	1.65250	1.66623	1.67997	1.69279	1.70466	1.71648	1.72734
3726995.45	1.62033	1.63368	1.64704	1.66030	1.67198	1.68352	1.69500	1.70552
3726985.45	1.60122	1.61424	1.62726	1.64018	1.65153	1.66274	1.67389	1.68409
3726975.45	1.58333	1.59511	1.60781	1.62040	1.63144	1.64233	1.65316	1.66305
3726965.45	1.56482	1.57719	1.58868	1.60095	1.61169	1.62227	1.63280	1.64239
3726955.45	1.54748	1.55868	1.56987	1.58183	1.59227	1.60256	1.61279	1.62209
3726945.45	1.52956	1.54047	1.55212	1.56304	1.57319	1.58319	1.59313	1.60215
3726935.45	1.51265	1.52329	1.53392	1.54456	1.55443	1.56415	1.57382	1.58257
3726925.45	1.49530	1.50566	1.51603	1.52639	1.53599	1.54545	1.55484	1.56333
3726915.45	1.47822	1.48833	1.49843	1.50852	1.51787	1.52706	1.53619	1.54443
3726905.45	1.46142	1.47127	1.48112	1.49095	1.50005	1.50899	1.51787	1.52587
3726895.45	1.44489	1.45449	1.46409	1.47368	1.48253	1.49123	1.49986	1.50762
3726885.45	1.42862	1.43799	1.44734	1.45669	1.46530	1.47377	1.48217	1.48970
3726875.45	1.41261	1.42175	1.43087	1.43998	1.44837	1.45660	1.46477	1.47208
3726865.45	1.39686	1.40577	1.41467	1.42355	1.43171	1.43973	1.44768	1.45477
3726855.45	1.38136	1.39005	1.39873	1.40739	1.41534	1.42314	1.43087	1.43776
3726845.45	1.36610	1.37458	1.38304	1.39149	1.39923	1.40682	1.41435	1.42104
3726835.45	1.35109	1.35936	1.36762	1.37586	1.38339	1.39078	1.39811	1.40461
3726825.45	1.33631	1.34438	1.35244	1.36048	1.36782	1.37501	1.38214	1.38845
3726815.45	1.32176	1.32964	1.33750	1.34535	1.35250	1.35950	1.36645	1.37257
3726805.45	1.30744	1.31513	1.32281	1.33046	1.33743	1.34425	1.35101	1.35696
3726795.45	1.29335	1.30086	1.30835	1.31582	1.32260	1.32925	1.33583	1.34161
3726785.45	1.27947	1.28680	1.29412	1.30141	1.30802	1.31449	1.32090	1.32652
3726775.45	1.26581	1.27297	1.28011	1.28723	1.29367	1.29998	1.30545	1.31168

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

*** 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
418554.30	3726952.94	1.46325	418588.83	3726936.99	1.47533
418621.06	3726898.60	1.44534	418540.35	3726921.02	1.40042
418517.77	3726916.44	1.37107	418553.95	3726903.64	1.38804
418569.20	3726897.12	1.39302	418595.63	3726869.12	1.37532
418474.33	3726881.10	1.28231	418522.17	3726860.74	1.29839
418450.23	3726839.32	1.21073	418483.59	3726835.57	1.23370
418436.23	3726824.73	1.18279	418425.80	3726805.10	1.15317
418595.95	3726915.31	1.44770	418426.14	3726814.62	1.16373
418536.67	3726953.06	1.44463	418556.00	3726851.05	1.31453
418418.06	3726821.00	1.16440	418550.08	3726960.90	1.47111
418422.83	3726819.47	1.16645			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	19.29557	19.84523	20.40534	20.97516	21.55059	22.12629	22.69782	23.25511	23.78957
3727055.45	20.50285	21.13914	21.79371	22.46566	23.15380	23.85150	24.55572	25.25494	25.94097
3727045.45	21.81776	22.55382	23.32074	24.11559	24.93813	25.78774	26.65581	27.53640	28.42104
3727035.45	23.25113	24.10441	25.00066	25.94351	26.93009	27.96179	29.03645	30.14891	31.29427
3727025.45	24.81496	25.80448	26.85430	27.96891	29.15267	30.40950	31.74205	33.15053	34.63795
3727015.45	26.52087	27.66804	28.89739	30.22120	31.64293	33.17586	34.83070	36.61760	38.55348
3727005.45	28.38481	29.71460	31.15790	32.72261	34.42912	36.29753	38.35945	40.62703	43.14866
3726995.45	30.42377	31.96498	33.65520	35.50817	37.56279	39.84086	42.39018	45.27660	48.55984
3726985.45	32.65741	34.44888	36.42254	38.62362	41.08130	43.86579	47.02841	50.68630	54.95576
3726975.45	35.10902	37.18596	39.49625	42.10280	45.06112	48.44068	52.37606	57.00889	62.55494
3726965.45	37.80656	40.21541	42.93089	46.02026	49.55947	53.69326	58.57720	64.44865	71.65830
3726955.45	40.78414	43.58069	46.76518	50.43024	54.70125	59.75176	65.82816	73.29377	82.70615
3726945.45	44.08417	47.33638	51.07868	55.43805	60.58968	66.80677	74.40806	83.96980	96.38005
3726935.45	47.76009	51.55259	55.98455	61.19573	67.44749	75.09727	84.68706	97.13252	113.79549
3726925.45	51.89771	56.34156	61.57601	67.86851	75.51898	85.07491	97.36350	113.84278	136.88779
3726915.45	56.57636	61.81429	68.06836	75.70932	85.18478	97.31344	113.40772	135.91640	169.31672
3726905.45	61.91755	68.14004	75.68640	85.08387	97.01707	112.76179	134.51525	166.72771	218.90357
3726895.45	68.08529	75.55402	84.78062	96.53828	111.91412	133.00898	163.78477	213.36514	304.50365
3726885.45	75.30634	84.39264	95.87114	110.92342	131.36742	160.92105	207.61178	292.59722	282.37527
3726875.45	83.90344	95.15230	109.76234	129.64090	158.03615	202.32522	280.83151	276.17784	201.16290
3726865.45	94.35029	108.59562	127.76810	155.16264	197.24790	270.56306	269.83943	202.44010	213.12372
3726855.45	107.37011	125.95863	152.18010	192.36243	261.03065	264.26917	203.29683	213.24576	252.03236
3726845.45	124.12649	149.37705	187.44070	252.08749	258.81648	204.27408	212.32307	259.41680	243.45434
3726835.45	146.61229	182.92865	243.28709	253.36154	205.22668	211.58691	185.34777	253.46250	187.91327
3726825.45	178.57630	235.43059	247.48806	206.10506	210.72672	190.53826	263.99047	194.10934	153.18495
3726815.45	228.01460	242.03097	206.72526	209.77793	196.13231	275.12100	200.44543	157.46091	129.41069
3726805.45	314.45463	207.29722	208.60670	202.21520	287.06741	206.98590	161.74313	132.58234	112.05851
3726795.45	207.60959	207.74925	208.82381	299.86283	213.83753	166.06669	135.70741	114.52330	98.78548
3726785.45	206.99455	216.20386	313.58969	221.01236	170.53056	138.80757	116.92334	100.76048	88.27175
3726775.45	303.54058	328.41960	228.51048	175.11771	141.97081	119.27415	102.66901	89.88819	79.71659

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	24.28657	24.72811	25.09615	25.36635	25.51399	25.51511	25.35272	25.01611	24.50822
3727055.45	26.59611	27.19937	27.72378	28.13463	28.39851	28.47506	28.33142	27.94746	27.32430
3727045.45	29.28971	30.11733	30.86941	31.50032	31.95347	32.16519	32.07523	31.64146	30.85853
3727035.45	32.45200	33.59519	34.68235	35.65779	36.42683	36.88792	36.92715	36.45271	35.43796
3727025.45	36.18762	37.78399	39.36948	40.87645	42.18524	43.12866	43.46883	43.00178	41.63535
3727015.45	40.63524	42.85546	45.19548	47.56155	49.81602	51.70120	52.76003	52.48292	50.54744
3727005.45	45.94945	49.06008	52.51482	56.26353	60.20348	64.02374	66.90901	67.52727	64.61104
3726995.45	52.32627	56.68420	61.79081	67.75241	74.70516	82.61077	90.50696	95.12887	90.48164
3726985.45	60.01189	66.13117	73.63123	83.08192	95.32853	111.77576	134.05790	159.68923	153.18989
3726975.45	69.33168	77.86388	88.87431	103.75242	125.06375	158.65846	218.57834	155.55690	114.29226
3726965.45	80.74719	92.64882	108.81372	132.20890	169.25476	236.97961	218.34582	118.00590	83.65055
3726955.45	94.96567	111.70451	135.72784	173.34891	240.19288	235.93098	159.95229	150.62222	173.87907
3726945.45	113.15364	137.20358	174.22263	238.58228	241.25226	177.41507	173.51247	209.60869	189.68669
3726935.45	137.36582	173.44492	234.78727	242.51793	187.20975	184.21230	230.38242	214.92964	149.29820
3726925.45	171.56871	229.66584	241.23599	193.81091	190.06416	244.55226	233.89144	165.04683	123.69979
3726915.45	224.39130	238.51620	198.53343	193.65506	255.65832	249.90608	177.32686	134.42153	105.94141
3726905.45	235.05946	202.21260	196.44970	265.92015	264.87445	187.78423	143.09500	113.75728	92.86486
3726895.45	204.91031	198.27976	274.89583	279.88027	197.43433	150.55612	120.24046	98.82257	82.78174
3726885.45	199.85793	283.77570	295.00695	206.52990	157.37553	125.93227	103.87212	87.48180	74.74097
3726875.45	292.53725	310.35399	215.54107	163.74012	131.01596	108.34873	91.53521	78.54736	68.17925
3726865.45	244.51446	224.60012	169.78079	135.76594	112.34268	95.15202	81.87118	71.30560	62.67523
3726855.45	233.79726	175.85226	140.26692	116.06037	98.38766	84.85758	74.07702	65.29996	57.99761
3726845.45	181.82118	144.60554	119.55062	101.39268	87.56477	76.58384	67.64398	60.22858	53.96406
3726835.45	148.91492	122.93132	104.24058	90.05449	78.86273	69.77541	62.23362	55.88088	50.45383
3726825.45	126.20384	106.94241	92.40485	80.98399	71.73902	64.08221	57.62626	52.11673	47.35735
3726815.45	109.53819	94.62510	82.96032	73.54917	65.77384	59.22872	53.63675	48.81081	44.60121
3726805.45	96.74489	84.82042	75.23333	67.33402	60.69782	55.03553	50.14314	45.87960	42.12847
3726795.45	86.58587	76.81286	68.78332	62.05274	56.31934	51.37092	47.05359	43.25877	39.89443
3726785.45	78.30354	70.13766	63.30897	57.50272	52.49830	48.13601	44.29770	40.89803	37.86349
3726775.45	71.40890	64.47859	58.59750	53.53642	49.12977	45.25528	41.82059	38.75915	36.00704

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	23.84516	23.05643	22.17570	21.23915	20.27605	19.31346	18.36934	17.45965	16.59257
3727055.45	26.48668	25.48065	24.36018	23.18138	21.98492	20.80764	19.66963	18.59088	17.57776
3727045.45	29.76611	28.44110	26.97478	25.45679	23.94420	22.48628	21.10277	19.81697	18.62995
3727035.45	33.95255	32.13423	30.14801	28.14107	26.19333	24.36598	22.67222	21.13437	19.74256
3727025.45	39.49292	36.85881	34.05191	31.32047	28.76620	26.45312	24.37087	22.53110	20.90236
3727015.45	47.18577	43.08034	38.90783	35.05974	31.66301	28.72268	26.17481	23.98269	22.08376
3727005.45	58.61484	51.53323	44.94511	39.39101	34.84666	31.12331	28.02329	25.43910	23.26236
3726995.45	77.27382	63.29996	52.32122	44.22354	38.18592	33.54866	29.84485	26.85603	24.39243
3726985.45	110.63195	79.06910	60.61278	49.18602	41.44105	35.83726	31.54533	28.16715	25.43290
3726975.45	162.31312	95.51069	68.18984	53.51192	44.25045	37.80597	33.01173	29.30292	26.33302
3726965.45	178.43254	103.26681	72.63318	56.37857	46.25606	39.27591	34.14010	30.19562	27.05724
3726955.45	152.06114	100.02090	73.10171	57.41183	47.25542	40.14015	34.87094	30.81225	27.58304
3726945.45	127.95162	92.42445	70.81585	56.86755	47.31124	40.40409	35.19734	31.14429	27.89871
3726935.45	109.89168	84.42252	67.26236	55.28520	46.63427	40.15625	35.16401	31.21033	28.01547
3726925.45	96.31499	77.17282	63.36672	53.17089	45.46987	39.52222	34.82939	31.05273	27.95864
3726915.45	85.73130	70.80557	59.51420	50.83523	44.03433	38.63327	34.27757	30.71237	27.75313
3726905.45	77.27706	65.31388	55.91737	48.45307	42.46195	37.58214	33.56978	30.23327	27.42820
3726895.45	70.38305	60.52863	52.60874	46.14745	40.84493	36.44181	32.75982	29.65390	27.01122
3726885.45	64.60524	56.36943	49.58041	43.95179	39.23918	35.26251	31.88839	29.00567	26.52589
3726875.45	59.70494	52.70178	46.83688	41.88514	37.67677	34.07755	30.98504	28.31314	25.99185
3726865.45	55.50380	49.46778	44.33956	39.95145	36.17307	32.90820	30.07076	27.59492	25.42480
3726855.45	51.83443	46.57777	42.05711	38.14471	34.74132	31.76772	29.16007	26.86489	24.83706
3726845.45	48.61607	43.99274	39.97480	36.46335	33.38069	30.66389	28.26282	26.13316	24.23813
3726835.45	45.75180	41.65425	38.06310	34.89452	32.09068	29.60097	27.38549	25.40701	23.63523
3726825.45	43.19470	39.53567	36.30210	33.42904	30.86903	28.58074	26.53214	24.69154	23.03375
3726815.45	40.88909	37.60134	34.67443	32.05806	29.71243	27.60341	25.70510	23.99022	22.43767
3726805.45	38.79704	35.82671	33.16517	30.77325	28.61707	26.66819	24.90552	23.30535	21.84985
3726795.45	36.88796	34.19153	31.76136	29.56692	27.57899	25.77367	24.13370	22.63832	21.27237
3726785.45	35.13704	32.67881	30.45175	28.43204	26.59424	24.91810	23.38942	21.98995	20.70666
3726775.45	33.52383	31.27422	29.22658	27.36229	25.65902	24.09953	22.67212	21.36056	20.15367

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	15.77360	15.00431	14.28348	13.60957	12.98010	12.39240	11.84385	11.33165
3727055.45	16.63384	15.75785	14.94605	14.19438	13.49834	12.85348	12.25565	11.70080
3727045.45	17.54096	16.54376	15.63061	14.79371	14.02572	13.31986	12.66998	12.07055
3727035.45	18.48735	17.35445	16.33006	15.40116	14.55664	13.78665	13.08263	12.43729
3727025.45	19.46048	18.17871	17.03470	16.00848	15.08410	14.24798	13.48866	12.79680
3727015.45	20.44070	19.00141	17.73217	16.60562	15.59992	14.69714	13.88254	13.14451
3727005.45	21.40584	19.80368	18.40777	17.18100	16.09494	15.12683	14.25841	13.47564
3726995.45	22.32422	20.56301	19.04458	17.72160	16.55956	15.52953	14.61028	13.78541
3726985.45	23.16661	21.25801	19.62700	18.21608	16.98435	15.89794	14.93246	14.06925
3726975.45	23.89934	21.86655	20.13911	18.65262	17.36077	16.22552	15.21983	14.32315
3726965.45	24.49971	22.36951	20.56827	19.02193	17.68183	16.50693	15.46824	14.54379
3726955.45	24.94777	22.75764	20.90586	19.31760	17.94266	16.73838	15.67470	14.72879
3726945.45	25.24124	23.02498	21.14657	19.53657	18.14077	16.91784	15.83755	14.87677
3726935.45	25.38054	23.17175	21.29422	19.67908	18.27607	17.04504	15.95643	14.98737
3726925.45	25.38330	23.20959	21.35230	19.74823	18.35055	17.12128	16.03220	15.06112
3726915.45	25.26496	23.14829	21.32859	19.74935	18.36792	17.14918	16.06672	15.09941
3726905.45	25.04533	23.00143	21.23258	19.68917	18.33302	17.13226	16.06261	15.10419
3726895.45	24.74386	22.78299	21.07437	19.57508	18.25134	17.07466	16.02299	15.07787
3726885.45	24.37832	22.50622	20.86393	19.41461	18.12859	16.98075	15.95127	15.02313
3726875.45	23.96407	22.18306	20.61052	19.21494	17.97039	16.85494	15.85093	14.94274
3726865.45	23.51399	21.82393	20.32246	18.98271	17.78205	16.70150	15.72539	14.83948
3726855.45	23.03863	21.43763	20.00700	18.72386	17.56843	16.52440	15.57793	14.71603
3726845.45	22.54646	21.03148	19.67038	18.44362	17.33392	16.32731	15.41159	14.57494
3726835.45	22.04418	20.61149	19.31783	18.14653	17.08240	16.11353	15.22916	14.41857
3726825.45	21.53703	20.18250	18.95376	17.83647	16.81725	15.88597	15.03316	14.24909
3726815.45	21.02908	19.74847	18.58179	17.51674	16.54140	15.64723	14.82587	14.06846
3726805.45	20.52346	19.31250	18.20494	17.19010	16.25738	15.39956	14.60928	13.87846
3726795.45	20.02254	18.87710	17.82563	16.85887	15.96733	15.14494	14.38518	13.68067
3726785.45	19.52813	18.44421	17.44585	16.52499	15.67310	14.88507	14.15512	13.47650
3726775.45	19.04153	18.01534	17.06721	16.19007	15.37624	14.62141	13.91899	13.26721

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

*** 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
418554.30	3726952.94	76.01358	418588.83	3726936.99	38.63387
418621.06	3726898.60	25.92745	418540.35	3726921.02	83.11716
418517.77	3726916.44	130.62256	418553.95	3726903.64	56.94408
418569.20	3726897.12	44.64564	418595.63	3726869.12	30.49123
418474.33	3726881.10	193.99267	418522.17	3726860.74	63.21378
418450.23	3726839.32	145.97775	418483.59	3726835.57	81.37707
418436.23	3726824.73	150.26861	418425.80	3726805.10	132.18165
418595.95	3726915.31	34.26467	418426.14	3726814.62	154.37868
418536.67	3726953.06	141.09191	418556.00	3726851.05	41.09493
418418.06	3726821.00	216.83101	418550.08	3726960.90	88.11294
418422.83	3726819.47	183.63811			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	11.32593	11.96652	12.67277	13.46042	14.34095	15.32813	16.44919	17.72388	19.19404
3727055.45	11.26832	11.90773	12.61361	13.39944	14.28249	15.27478	16.40529	17.69545	19.19090
3727045.45	11.19251	11.82577	12.53013	13.31277	14.19050	15.18525	16.31397	17.61001	19.11870
3727035.45	11.09839	11.72481	12.41947	13.19703	14.06712	15.05097	16.17262	17.46347	18.97096
3727025.45	10.98610	11.60277	12.28660	13.04937	13.90581	14.87462	15.97993	17.25339	18.74336
3727015.45	10.85415	11.45794	12.12709	12.87588	13.71341	14.66042	15.74050	16.98469	18.44061
3727005.45	10.70525	11.29341	11.94701	12.67225	13.48504	14.40274	15.45198	16.65448	18.05921
3726995.45	10.54050	11.11048	11.74289	12.44315	13.22942	14.11189	15.11401	16.26759	17.60548
3726985.45	10.36124	10.91310	11.51928	12.19394	12.94343	13.78823	14.74032	15.83125	17.08940
3726975.45	10.16904	10.69861	11.27856	11.92206	12.63717	13.43343	14.33335	15.35454	16.52370
3726965.45	9.96564	10.47144	11.02588	11.63634	12.30887	13.05997	13.90058	14.84764	15.92261
3726955.45	9.75289	10.23387	10.75913	11.33498	11.96898	12.67023	13.44975	14.32099	15.30041
3726945.45	9.53269	9.98823	10.48366	11.02428	11.61630	12.26997	12.98836	13.78444	14.67031
3726935.45	9.30692	9.73679	10.20453	10.71012	11.26065	11.86185	12.52031	13.24678	14.04360
3726925.45	9.07935	9.48381	9.91980	10.39306	10.90308	11.45634	12.05767	12.71533	13.42925
3726915.45	8.84959	9.22908	9.63626	10.07598	10.54703	11.05462	11.60215	12.19585	12.83396
3726905.45	8.61919	8.97441	9.35377	9.76134	10.19537	10.66002	11.15754	11.69262	12.26232
3726895.45	8.38955	8.72140	9.07416	9.45123	9.85046	10.27515	10.72670	11.20857	11.71715
3726885.45	8.16187	8.47140	8.79894	9.14734	9.51414	9.90196	10.31158	10.74555	11.19989
3726875.45	7.93718	8.22556	8.52936	8.85097	9.18775	9.54180	9.91341	10.30451	10.70894
3726865.45	7.71635	7.98479	8.26638	8.56312	8.87228	9.19554	9.53286	9.88571	10.24812
3726855.45	7.50008	7.74983	8.01073	8.28448	8.56832	8.86362	9.17013	9.48894	9.81440
3726845.45	7.28892	7.52120	7.76292	8.01551	8.27623	8.54621	8.82505	9.11364	9.40660
3726835.45	7.08328	7.29931	7.52329	7.75645	7.99611	8.24320	8.49725	8.75898	9.02336
3726825.45	6.88346	7.08441	7.29203	7.50739	7.72788	7.95431	8.18740	8.42403	8.66323
3726815.45	6.68966	6.87665	7.06921	7.26828	7.47136	7.67914	7.89225	8.10775	8.32473
3726805.45	6.50200	6.67608	6.85480	7.03898	7.22624	7.41719	7.61240	7.80908	8.00642
3726795.45	6.32052	6.48267	6.64868	6.81926	6.99216	7.16792	7.34705	7.52695	7.70689
3726785.45	6.14520	6.29636	6.45068	6.60885	6.76870	6.93074	7.09542	7.26034	7.42481
3726775.45	5.97598	6.11700	6.26061	6.40744	6.55542	6.70505	6.85674	7.00823	7.15894

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	20.90013	22.89346	25.26180	28.10113	31.54826	35.77571	41.06180	47.74551	56.31788
3727055.45	20.93692	22.99921	25.46675	28.45213	32.14404	36.77652	42.69564	50.40126	60.62383
3727045.45	20.88964	22.99605	25.53968	28.66521	32.58313	37.60584	44.20667	53.11385	65.46040
3727035.45	20.74792	22.87362	25.46086	28.68655	32.78156	38.14774	45.42235	55.67261	70.78455
3727025.45	20.50419	22.62653	25.21616	28.46080	32.64425	38.25455	46.07628	57.64219	76.01249
3727015.45	20.16212	22.23181	24.78069	27.97785	32.13056	37.77239	45.82343	58.25215	79.61375
3727005.45	19.71713	21.70664	24.15247	27.21572	31.19187	36.60081	44.36422	56.55092	78.52907
3726995.45	19.17763	21.05436	23.34697	26.19542	29.85512	34.76635	41.68129	52.22327	70.27314
3726985.45	18.55780	20.30269	22.39646	24.96944	28.21204	32.44507	38.15826	46.27755	58.44507
3726975.45	17.87607	19.46521	21.34461	23.61064	26.39322	29.89438	34.36672	40.19992	47.76737
3726965.45	17.15288	18.57956	20.23842	22.19505	24.52831	27.34903	30.75458	34.84031	39.62708
3726955.45	16.40829	17.67470	19.12064	20.78734	22.71701	24.96183	27.53910	30.43893	33.58809
3726945.45	15.66018	16.77512	18.02502	19.43387	21.02034	22.80410	24.76834	26.87442	29.03815
3726935.45	14.92311	15.89948	16.97506	18.16240	19.46683	20.89170	22.40975	23.98090	25.54257
3726925.45	14.20797	15.05698	15.98476	16.98613	18.06297	19.20691	20.39928	21.60777	22.77810
3726915.45	13.52220	14.26302	15.05748	15.90437	16.79887	17.73091	18.68357	19.63155	20.53603
3726905.45	12.87039	13.51733	14.20223	14.92212	15.66752	16.43582	17.20937	17.96894	18.68647
3726895.45	12.25226	12.81819	13.41060	14.02585	14.65808	15.29536	15.93288	16.55288	17.13458
3726885.45	11.67377	12.17036	12.68511	13.21153	13.74963	14.28957	14.81900	15.33323	15.81348
3726875.45	11.13153	11.56648	12.01574	12.47361	12.93277	13.39237	13.83974	14.27221	14.67790
3726865.45	10.62423	11.00853	11.40043	11.79908	12.19591	12.59073	12.97283	13.34097	13.68575
3726855.45	10.14834	10.49096	10.83636	11.18348	11.52890	11.87095	12.20044	12.51715	12.81350
3726845.45	9.70556	10.00892	10.31465	10.62032	10.92508	11.22161	11.50818	11.78319	12.04042
3726835.45	9.29185	9.56298	9.83495	10.10565	10.37265	10.63320	10.88436	11.12513	11.35235
3726825.45	8.90511	9.14833	9.39133	9.63228	9.86912	10.09961	10.32132	10.53366	10.73408
3726815.45	8.54331	8.76230	8.98031	9.19578	9.40698	9.61204	9.80897	9.99745	10.17541
3726805.45	8.20454	8.40239	8.59875	8.79229	8.98154	9.16492	9.34082	9.50909	9.66805
3726795.45	7.88700	8.06634	8.24386	8.41841	8.58874	8.75353	8.91143	9.06246	9.20520
3726785.45	7.58901	7.75209	7.91314	8.07116	8.22510	8.37383	8.51624	8.65242	8.78122
3726775.45	7.30903	7.45777	7.60436	7.74793	7.88758	8.02237	8.15133	8.27577	8.39138

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	67.53024	82.42697	102.93885	132.87056	180.59503	192.82049	163.05486	190.58046	156.63966
3727055.45	74.51456	93.77566	121.71511	165.75652	245.41736	155.53722	116.52709	157.24365	242.45350
3727045.45	83.11983	109.06647	149.57944	221.14562	146.23473	111.62325	156.81813	186.61654	177.88158
3727035.45	93.86645	130.88452	195.33986	133.58143	104.09472	154.34164	192.02241	184.12954	138.38470
3727025.45	107.25237	164.64002	113.97992	155.71595	147.93940	195.98057	189.97277	140.32377	111.41319
3727015.45	122.61426	142.44821	121.54741	132.08918	195.51684	193.99271	140.80234	110.78222	91.54713
3727005.45	129.82255	114.23139	81.04253	102.54201	191.93961	137.94175	108.08548	89.27642	76.30852
3726995.45	107.70887	79.18634	102.45101	172.38751	127.66368	101.71709	84.81995	72.98725	64.20456
3726985.45	77.11836	101.66066	113.53614	103.40312	89.02118	77.11059	67.74782	60.39263	54.51822
3726975.45	57.08007	66.29330	71.20088	70.12012	65.54752	60.20656	55.10366	50.61152	46.68417
3726965.45	44.73381	49.29820	52.02237	52.40634	50.93573	48.48248	45.70043	42.95761	40.35739
3726955.45	36.70351	39.36519	41.12966	41.72430	41.31200	40.17745	38.64212	36.95928	35.24689
3726945.45	31.11163	32.85505	34.07169	34.65109	34.63353	34.11749	33.25967	32.21770	31.07740
3726935.45	26.99603	28.22489	29.12442	29.63483	29.76784	29.55506	29.08395	28.42425	27.65932
3726925.45	23.85362	24.76739	25.46116	25.89967	26.07810	26.01922	25.76291	25.35469	24.83746
3726915.45	21.36177	22.06796	22.61974	23.00119	23.19412	23.21461	23.08394	22.82904	22.47765
3726905.45	19.33948	19.90684	20.35668	20.67909	20.87375	20.93501	20.87938	20.72308	20.48412
3726895.45	17.66752	18.12631	18.50423	18.78299	18.96622	19.04746	19.03714	18.94519	18.78342
3726885.45	16.25379	16.63862	16.95426	17.20037	17.36977	17.45959	17.47668	17.42723	17.31909
3726875.45	15.04455	15.36958	15.64260	15.85822	16.01353	16.10556	16.13906	16.11793	16.04743
3726865.45	14.00036	14.27843	14.51458	14.70476	14.84430	14.93737	14.98039	14.97819	14.93431
3726855.45	13.08435	13.32494	13.53122	13.70010	13.82966	13.91921	13.96739	13.97781	13.95288
3726845.45	12.27808	12.48817	12.66978	12.82050	12.93875	13.02387	13.07443	13.09317	13.08179
3726835.45	11.55885	11.74387	11.90675	12.04195	12.15003	12.23034	12.28148	12.30562	12.30392
3726825.45	10.91652	11.08058	11.22591	11.34776	11.44669	11.52213	11.57272	11.60022	11.60543
3726815.45	10.33766	10.48405	10.61445	10.72474	10.81548	10.88615	10.93549	10.96494	10.97506
3726805.45	9.81320	9.94456	10.06215	10.16236	10.24576	10.31187	10.35953	10.38994	10.40349
3726795.45	9.33573	9.45419	9.56071	9.65210	9.72890	9.79072	9.83646	9.86714	9.88305
3726785.45	8.89916	9.00647	9.10335	9.18696	9.25785	9.31564	9.35934	9.38982	9.40729
3726775.45	8.49840	8.59602	8.68445	8.76119	8.82674	8.88079	8.92240	8.95237	8.97080

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	228.98007	165.31998	129.52247	106.53970	90.56758	78.78236	69.68083	62.43481
3727055.45	171.61586	132.63949	108.25442	91.48999	79.27332	69.95060	62.56711	56.57176
3727045.45	135.74602	109.74161	92.23379	79.57580	70.01526	62.52324	56.46617	51.47101
3727035.45	110.93864	92.63016	79.61998	69.84737	62.25311	56.17028	51.16456	46.97576
3727025.45	92.55920	79.23607	69.36619	61.71986	55.63425	50.66538	46.51065	42.98708
3727015.45	78.23113	68.40707	60.83954	54.81731	49.91979	45.84927	42.39426	39.42608
3727005.45	66.78303	59.46138	53.63982	48.88833	44.94314	41.60720	38.73335	36.23281
3726995.45	57.39954	51.95357	47.48475	43.74302	40.58472	37.85375	35.46553	33.36045
3726985.45	49.68301	45.64891	42.22884	39.28931	36.75485	34.52346	32.54172	30.77175
3726975.45	43.27598	40.31960	37.71346	35.41187	33.38343	31.56392	29.92218	28.43595
3726965.45	37.97844	35.79885	33.83020	32.03274	30.41273	28.93159	27.57339	26.32690
3726955.45	33.56812	31.98061	30.48768	29.08567	27.79334	26.58886	25.46628	24.42166
3726945.45	29.90441	28.73949	27.59987	26.51263	25.48176	24.50249	23.57488	22.69968
3726935.45	26.83035	25.97310	25.11184	24.26241	23.43928	22.64262	21.87580	21.14236
3726925.45	24.24741	23.61293	22.95531	22.28989	21.63144	20.98242	20.34786	19.73274
3726915.45	22.05514	21.58305	21.07874	20.55575	20.02767	19.49787	18.97194	18.45540
3726905.45	20.18013	19.82705	19.43858	19.02597	18.60115	18.16761	17.73082	17.29638
3726895.45	18.56407	18.29884	17.99826	17.67144	17.32856	16.97277	16.60917	16.24305
3726885.45	17.16078	16.96084	16.72731	16.46741	16.18968	15.89683	15.59336	15.28415
3726875.45	15.93353	15.78248	15.60037	15.39289	15.16715	14.92533	14.67136	14.40961
3726865.45	14.85299	14.73881	14.59637	14.43015	14.24603	14.04572	13.83257	13.61045
3726855.45	13.89563	13.80943	13.69779	13.56420	13.41353	13.24709	13.06769	12.87872
3726845.45	13.04244	12.97762	12.89002	12.78236	12.65870	12.51997	12.36855	12.20737
3726835.45	12.27795	12.22957	12.16084	12.07390	11.97212	11.85616	11.72799	11.59015
3726825.45	11.58951	11.55384	11.50000	11.42968	11.34572	11.24852	11.13972	11.02154
3726815.45	10.96668	10.94087	10.89884	10.84192	10.77251	10.69083	10.59825	10.49667
3726805.45	10.40080	10.38267	10.35005	10.30398	10.24651	10.17771	10.09872	10.01119
3726795.45	9.88463	9.87250	9.84739	9.81014	9.76250	9.70443	9.63687	9.56128
3726785.45	9.41207	9.40463	9.38555	9.35550	9.31598	9.26688	9.20897	9.14353
3726775.45	8.97796	8.97420	8.95997	8.93581	8.90302	8.86144	8.81222	8.75493

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

*** 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
418554.30	3726952.94	38.89121	418588.83	3726936.99	30.05160
418621.06	3726898.60	19.17346	418540.35	3726921.02	23.05965
418517.77	3726916.44	19.98357	418553.95	3726903.64	19.91694
418569.20	3726897.12	19.14771	418595.63	3726869.12	15.38663
418474.33	3726881.10	12.80137	418522.17	3726860.74	13.14357
418450.23	3726839.32	9.56977	418483.59	3726835.57	10.31660
418436.23	3726824.73	8.64509	418425.80	3726805.10	7.79597
418595.95	3726915.31	23.04991	418426.14	3726814.62	8.08636
418536.67	3726953.06	35.38447	418556.00	3726851.05	13.14011
418418.06	3726821.00	8.10142	418550.08	3726960.90	45.31441
418422.83	3726819.47	8.16243			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	10.16501	10.43369	10.70472	10.97820	11.25262	11.52641	11.79922	12.06884	12.33459
3727055.45	10.52481	10.81577	11.11007	11.40730	11.70693	12.00664	12.30612	12.60280	12.89601
3727045.45	10.90103	11.21577	11.53625	11.86027	12.18726	12.51650	12.84524	13.17237	13.49664
3727035.45	11.29424	11.63562	11.98363	12.33794	12.69594	13.05685	13.41900	13.78049	14.13998
3727025.45	11.70497	12.07551	12.45449	12.84085	13.23330	13.63030	14.03001	14.43033	14.82984
3727015.45	12.13291	12.53532	12.94831	13.37176	13.80258	14.24001	14.68206	15.12642	15.57148
3727005.45	12.57901	13.01624	13.46764	13.93026	14.40374	14.88639	15.37729	15.87164	16.36872
3726995.45	13.04347	13.51873	14.01138	14.51825	15.04044	15.57385	16.11747	16.66991	17.22656
3726985.45	13.52631	14.04433	14.58098	15.13811	15.71198	16.30365	16.90813	17.52541	18.15042
3726975.45	14.02736	14.59074	15.17682	15.78816	16.42237	17.07639	17.75126	18.44243	19.14604
3726965.45	14.54617	15.15884	15.80074	16.47182	17.16981	17.89706	18.64987	19.42534	20.21949
3726955.45	15.08199	15.74807	16.44924	17.18603	17.95847	18.76589	19.60676	20.47845	21.37702
3726945.45	15.63368	16.35742	17.12306	17.93193	18.78480	19.68404	20.62431	21.60580	22.62488
3726935.45	16.19966	16.98538	17.82338	18.71106	19.65269	20.64949	21.70172	22.81086	23.96902
3726925.45	16.78045	17.63258	18.54354	19.51967	20.55883	21.66647	22.84445	24.09619	25.41472
3726915.45	17.37131	18.29407	19.28592	20.35507	21.50082	22.73090	24.04953	25.46291	26.96587
3726905.45	17.96903	18.96637	20.04432	21.21341	22.47484	23.83935	25.31435	26.90994	28.62417
3726895.45	18.56975	19.64516	20.81401	22.08954	23.47545	24.98633	26.63377	28.43334	30.38806
3726885.45	19.16897	20.32528	21.58908	22.97681	24.49532	26.16385	27.99957	30.02524	32.25121
3726875.45	19.76150	21.00067	22.36248	23.86703	25.52496	27.36118	29.39981	31.67288	34.19584
3726865.45	20.34156	21.66447	23.12600	24.75042	26.55271	28.56451	30.81829	33.35766	36.21114
3726855.45	20.90284	22.30904	23.87040	25.61566	27.56479	29.75695	32.23436	35.05444	38.26231
3726845.45	21.43862	22.92615	24.58553	26.45017	28.54545	30.91868	33.62299	36.73147	40.30895
3726835.45	21.94197	23.50722	25.26066	27.24044	29.47751	32.02763	34.95545	38.35092	42.30086
3726825.45	22.40591	24.04357	25.88487	27.97256	30.34299	33.06030	36.20732	39.87070	44.18030
3726815.45	22.82370	24.52673	26.44744	28.63275	31.12403	33.99307	37.33367	41.24717	45.88605
3726805.45	23.18906	24.94885	26.93839	29.20817	31.80381	34.80364	38.31066	42.43858	47.35888
3726795.45	23.49644	25.30296	27.34890	29.68748	32.36760	35.47247	39.11193	43.40868	48.54753
3726785.45	23.74123	25.58334	27.67176	30.06153	32.80360	35.98416	39.71703	44.12979	49.41392
3726775.45	23.91998	25.78573	27.90173	30.32379	33.10361	36.32833	40.11276	44.58501	49.93643

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	12.59444	12.84646	13.08933	13.32099	13.53971	13.74381	13.93143	14.10104	14.25109
3727055.45	13.18340	13.46304	13.73273	13.99046	14.23422	14.46186	14.67136	14.86083	15.02842
3727045.45	13.81532	14.12616	14.42681	14.71461	14.98715	15.24203	15.47683	15.68928	15.87715
3727035.45	14.49428	14.84084	15.17687	15.49966	15.80550	16.09197	16.35618	16.59537	16.80627
3727025.45	15.22486	15.61312	15.98990	16.35255	16.69731	17.02062	17.31919	17.58966	17.82814
3727015.45	16.01308	16.44780	16.87255	17.28181	17.67184	18.03836	18.37735	18.68467	18.95633
3727005.45	16.86387	17.35314	17.83290	18.29667	18.73992	19.15745	19.54428	19.89530	20.20558
3726995.45	17.78348	18.33610	18.88015	19.40803	19.91422	20.39233	20.83620	21.23945	21.59589
3726985.45	18.77877	19.40635	20.02478	20.62847	21.20956	21.76018	22.27261	22.73878	23.15090
3726975.45	19.85725	20.57137	21.27875	21.97263	22.64347	23.28152	23.87704	24.41974	24.90042
3726965.45	21.02707	21.84284	22.65568	23.45749	24.23666	24.98107	25.67826	26.31549	26.87925
3726955.45	22.29694	23.23250	24.17103	25.10284	26.01380	26.88874	27.71168	28.46592	29.13370
3726945.45	23.67602	24.75324	25.84226	26.93164	28.00423	29.04100	30.02126	30.92289	31.72281
3726935.45	25.17364	26.41884	27.68885	28.97046	30.24302	31.48259	32.66224	33.75227	34.72116
3726925.45	26.79887	28.24121	29.73221	31.24984	32.77194	34.26906	35.70535	37.03965	38.22967
3726915.45	28.55984	30.23913	31.99255	33.80186	35.63999	37.46824	39.23987	40.89897	42.38474
3726905.45	30.46273	32.42357	34.49827	36.66928	38.90368	41.16369	43.38177	45.48080	47.37232
3726895.45	32.50609	34.80046	37.26486	39.88620	42.63532	45.45645	48.28083	50.99177	53.45747
3726885.45	34.69518	37.38239	40.31783	43.49351	46.89991	50.47929	54.12992	57.71771	61.02539
3726875.45	37.01583	40.15440	43.65434	47.53038	51.77410	56.36535	61.18362	66.05580	70.66347
3726865.45	39.44668	43.10966	47.26838	51.99527	57.31858	63.27231	69.75483	76.57422	83.26119
3726855.45	41.94472	46.20404	51.13415	56.87172	63.55514	71.32906	80.20019	90.05628	100.27923
3726845.45	44.47371	49.36335	55.15537	62.07886	70.44799	80.57353	92.83859	107.49696	124.07094
3726835.45	46.95946	52.51749	59.23594	67.47897	77.76301	90.82779	107.71351	129.84086	158.36253
3726825.45	49.32113	55.54126	63.19522	72.80675	85.17901	101.60194	124.25139	157.08741	207.01930
3726815.45	51.47040	58.30338	66.83122	77.73772	92.12417	111.88673	140.57876	185.84015	266.75283
3726805.45	53.32068	60.67293	69.93715	81.92687	97.98189	120.47387	154.00697	208.97756	157.72948
3726795.45	54.79758	62.53811	72.33789	85.08590	102.24597	126.39307	162.44438	220.99214	327.76049
3726785.45	55.84766	63.82192	73.91971	87.04341	104.65537	129.26607	165.48324	222.64964	321.17305
3726775.45	56.44342	64.49029	74.64330	87.76376	105.21340	129.25564	163.87261	216.94125	304.05406

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	14.37975	14.48715	14.57215	14.63325	14.67233	14.68839	14.68515	14.65819	14.60922
3727055.45	15.17200	15.29160	15.38588	15.45316	15.49547	15.51172	15.50594	15.47347	15.41622
3727045.45	16.03798	16.17162	16.27652	16.35078	16.39656	16.41272	16.40363	16.36438	16.29717
3727035.45	16.98770	17.13761	17.25469	17.33684	17.38633	17.40199	17.38860	17.34096	17.26166
3727025.45	18.03304	18.20186	18.33301	18.42407	18.47752	18.49208	18.47306	18.41501	18.32094
3727015.45	19.18813	19.37909	19.52655	19.62936	19.68698	19.69967	19.67153	19.60043	19.48924
3727005.45	20.47111	20.68837	20.85503	20.96957	21.03150	21.04113	21.00293	20.91510	20.78016
3726995.45	21.90046	22.14872	22.33768	22.46707	22.53320	22.53810	22.48656	22.37749	22.21412
3726985.45	23.50336	23.78910	24.00462	24.14767	24.21920	24.21692	24.14767	24.01127	23.81154
3726975.45	25.30931	25.63984	25.88795	26.04838	26.12285	26.11001	26.01693	25.84445	25.60036
3726965.45	27.35908	27.74441	28.02988	28.21010	28.28476	28.25740	28.13208	27.91379	27.61164
3726955.45	29.70087	30.15424	30.48409	30.68681	30.76043	30.70948	30.54013	30.26136	29.88476
3726945.45	32.39948	32.93697	33.32223	33.54879	33.61612	33.53021	33.30057	32.94099	32.46715
3726935.45	35.53987	36.18410	36.63663	36.88895	36.94075	36.80265	36.48917	36.02094	35.41856
3726925.45	39.23325	40.01530	40.55125	40.82974	40.85325	40.63656	40.20370	39.58419	38.80974
3726915.45	43.63576	44.59976	45.24046	45.54140	45.51123	45.17406	44.56813	43.73829	42.73047
3726905.45	48.96395	50.17381	50.94786	51.26395	51.13560	50.60990	49.74810	48.61962	47.29112
3726895.45	55.53393	57.09079	58.03589	58.34194	58.03869	57.21078	55.96213	54.40166	52.62713
3726885.45	63.82590	65.88876	67.06180	67.29924	66.67598	65.34928	63.50102	61.30517	58.90341
3726875.45	74.59286	77.44471	78.92070	78.95959	77.73245	75.55397	72.75257	69.60686	66.31570
3726865.45	89.10784	93.27705	95.16711	94.69101	92.27730	88.58176	84.22764	79.64404	75.08882
3726855.45	109.61534	116.27442	118.74616	116.92948	112.01104	105.51232	98.57550	91.80819	85.46420
3726845.45	140.61242	152.72006	155.99700	150.36937	139.74148	127.83123	116.56215	106.50688	97.67964
3726835.45	191.29366	218.34643	223.05605	205.02644	180.04641	157.37016	138.93641	124.09797	111.93761
3726825.45	118.20270	131.39693	139.67208	140.75628	239.00432	195.64349	166.15141	144.78950	128.38795
3726815.45	152.91562	178.87799	194.93391	193.21975	317.79706	242.25890	198.07736	168.63942	147.15943
3726805.45	206.76984	111.15672	124.08373	132.74383	403.83813	294.89736	234.39207	195.77796	168.49740
3726795.45	118.82220	143.25642	167.92777	184.13303	318.04724	354.33990	276.03679	226.95820	192.99772
3726785.45	296.18917	192.95239	249.50998	265.28843	376.87402	426.13841	326.36906	264.27567	221.97106
3726775.45	269.07369	210.86580	234.81787	246.28816	250.15042	353.45724	391.91675	311.79139	257.98613

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	14.53897	14.44875	14.33841	14.20995	14.06456	13.90358	13.72851	13.54065
3727055.45	15.33515	15.23175	15.10608	14.96043	14.79625	14.61514	14.41884	14.20890
3727045.45	16.20316	16.08415	15.94046	15.77472	15.58869	15.38430	15.16356	14.92798
3727035.45	17.15214	17.01455	16.84956	16.66023	16.44870	16.21727	15.96832	15.70371
3727025.45	18.19269	18.03286	17.84258	17.62543	17.38402	17.12110	16.83948	16.54143
3727015.45	19.33799	19.15063	18.93017	18.68005	18.40347	18.10374	17.78416	17.44750
3727005.45	20.60108	20.38130	20.12463	19.83526	19.51713	19.17422	18.81038	18.42903
3726995.45	22.00040	21.74079	21.44034	21.10417	20.73649	20.34273	19.92717	19.49392
3726985.45	23.55526	23.24721	22.89372	22.50117	22.07470	21.62084	21.14462	20.65098
3726975.45	25.29045	24.92252	24.50428	24.04362	23.54680	23.02166	22.47409	21.90999
3726965.45	27.23461	26.79232	26.29467	25.75128	25.16992	24.55996	23.92828	23.28179
3726955.45	29.42235	28.88716	28.29135	27.64701	26.96362	26.25242	25.52128	24.77832
3726945.45	31.89568	31.24313	30.52579	29.75709	28.95014	28.11773	27.26877	26.41266
3726935.45	34.70553	33.90367	33.03311	32.11175	31.15463	30.17677	29.18801	28.19902
3726925.45	37.91148	36.91830	35.85567	34.74544	33.60533	32.45263	31.29784	30.15277
3726915.45	41.58751	40.34730	39.04181	37.69720	36.33369	34.97062	33.61860	32.29029
3726905.45	45.82168	44.26058	42.64684	41.01073	39.37428	37.75818	36.17202	34.62885
3726895.45	50.71892	48.73883	46.73302	44.73425	42.76464	40.84461	38.98106	37.18639
3726885.45	56.40145	53.87364	51.36909	48.91997	46.54478	44.26080	42.06958	39.98141
3726875.45	63.00920	59.76538	56.62919	53.62324	50.75665	48.03890	45.46233	43.03289
3726865.45	70.69456	66.52174	62.59060	58.90157	55.44376	52.21206	49.18477	46.36027
3726855.45	79.61545	74.25105	69.33246	64.81416	60.65126	56.81495	53.26337	49.98381
3726845.45	89.92299	83.05931	76.93340	71.42229	66.42739	61.88499	57.72688	53.92517
3726835.45	101.75357	93.04864	85.47514	78.79184	72.82613	67.46515	62.60828	58.20903
3726825.45	115.23353	104.32777	95.05088	87.00207	79.91227	73.60777	67.94807	62.86493
3726815.45	130.51157	117.04040	105.78628	96.15838	87.77145	80.37995	73.79777	67.93041
3726805.45	147.83931	131.41218	117.87276	106.41421	96.52378	87.87325	80.22452	73.45469
3726795.45	167.69812	147.82603	131.61000	118.00134	106.34279	96.21495	87.31956	79.50078
3726785.45	190.98130	166.92610	147.46959	131.26582	117.48175	105.58477	95.20645	86.15106
3726775.45	219.28422	189.77265	166.18901	146.72767	130.30514	116.23629	104.09650	93.51354

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

*** 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
418554.30	3726952.94	31.11023	418588.83	3726936.99	36.19592
418621.06	3726898.60	49.96771	418540.35	3726921.02	41.49529
418517.77	3726916.44	40.76811	418553.95	3726903.64	51.99451
418569.20	3726897.12	57.01961	418595.63	3726869.12	79.84042
418474.33	3726881.10	44.61796	418522.17	3726860.74	87.59873
418450.23	3726839.32	48.16693	418483.59	3726835.57	75.04533
418436.23	3726824.73	44.44686	418425.80	3726805.10	42.41202
418595.95	3726915.31	44.63386	418426.14	3726814.62	41.43754
418536.67	3726953.06	30.34923	418556.00	3726851.05	132.84303
418418.06	3726821.00	37.47330	418550.08	3726960.90	28.93900
418422.83	3726819.47	39.45712			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	147.05679	145.50316	143.82768	140.80452	137.35544	133.81922	129.17080	123.90726	118.78712
3727055.45	84.46074	83.80921	121.65106	125.51428	79.35308	114.88613	113.56894	162.87889	106.04200
3727045.45	91.59798	91.39962	143.01738	89.40778	87.08405	136.01788	86.28578	81.72953	126.48039
3727035.45	95.61541	96.16865	63.83890	94.17462	92.76923	105.00692	91.62596	87.86017	95.89683
3727025.45	94.90114	96.10336	108.68012	94.28038	94.30750	61.93475	92.47270	90.69821	58.52028
3727015.45	89.77219	91.11577	140.90194	89.81400	90.95512	143.78559	88.67620	89.03387	100.20965
3727005.45	125.17388	122.62627	119.54942	82.48210	125.07505	123.05541	81.81865	83.28648	126.59206
3726995.45	134.20281	134.74074	135.85407	137.05818	139.23846	142.25580	145.85232	105.58425	106.39942
3726985.45	107.12193	107.48732	108.03195	108.87700	110.04971	111.71093	113.77131	116.43487	119.48214
3726975.45	88.81432	89.03137	89.34564	89.84810	90.55382	91.45616	92.64171	94.07429	95.72775
3726965.45	75.60799	75.72220	75.90890	76.18695	76.55481	77.07042	77.71357	78.48047	79.36020
3726955.45	65.61595	65.65348	65.73214	65.86005	66.04614	66.29638	66.60888	66.97700	67.38989
3726945.45	57.78090	57.76185	57.76255	57.78733	57.83779	57.92747	58.02867	58.14535	58.26491
3726935.45	51.46663	51.40565	51.36252	51.31433	51.27219	51.23434	51.19687	51.16093	51.09419
3726925.45	46.27698	46.18550	46.09052	46.00083	45.89539	45.78087	45.65271	45.50978	45.32572
3726915.45	41.92675	41.81328	41.69021	41.56340	41.41532	41.25014	41.06341	40.85286	40.59728
3726905.45	38.22807	38.09919	37.95684	37.80502	37.62897	37.43142	37.20829	36.95691	36.66041
3726895.45	35.04601	34.90687	34.75198	34.58407	34.39072	34.17383	33.92976	33.65595	33.33914
3726885.45	32.28137	32.13607	31.97380	31.79645	31.59360	31.36661	31.11242	30.82874	30.50520
3726875.45	29.85912	29.71083	29.54510	29.36328	29.15662	28.92617	28.66941	28.38439	28.06221
3726865.45	27.72120	27.57239	27.40618	27.22356	27.01720	26.78797	26.53386	26.25325	25.93944
3726855.45	25.82207	25.67459	25.51011	25.32937	25.12624	24.90148	24.65354	24.38110	24.07916
3726845.45	24.12538	23.98064	23.81951	23.64259	23.44473	23.22667	22.98719	22.72527	22.43720
3726835.45	22.60182	22.46085	22.30425	22.13251	21.94132	21.73139	21.50181	21.25176	20.97857
3726825.45	21.22744	21.09099	20.93972	20.77408	20.59046	20.38953	20.17100	19.93313	19.67517
3726815.45	19.98247	19.85104	19.70565	19.54670	19.37117	19.17970	18.97210	18.74710	18.50422
3726805.45	18.85045	18.72435	18.58518	18.43326	18.26607	18.08424	17.88762	17.67537	17.44715
3726795.45	17.81753	17.69696	17.56415	17.41940	17.26061	17.08838	16.90261	16.70274	16.48860
3726785.45	16.87203	16.75704	16.63062	16.49305	16.34257	16.17974	16.00452	15.81656	15.61582
3726775.45	16.00396	15.89453	15.77443	15.64394	15.50156	15.34785	15.18278	15.00619	14.81810

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	113.40579	107.72588	102.01469	95.94516	89.51070	82.88916	76.19404	69.50909	62.94019
3727055.45	101.40783	138.31308	130.21935	121.39373	111.79544	102.30351	92.84277	83.40861	74.28321
3727045.45	123.25958	73.78656	110.33077	102.06476	100.47791	132.76280	118.54918	104.06457	90.50944
3727035.45	86.92497	80.24598	82.80721	77.89827	68.00309	108.77753	93.70514	86.77105	115.69387
3727025.45	89.12515	84.67247	92.69198	81.79709	72.77730	72.80611	66.65645	51.33909	41.79962
3727015.45	86.65310	85.49857	52.26220	81.32740	75.62955	81.55890	65.98858	50.79776	41.33339
3727005.45	80.74908	82.09889	88.74750	76.98298	75.40185	82.56100	61.32203	48.37474	39.85040
3726995.45	115.74606	112.75036	113.69229	70.35170	71.42895	69.00334	54.68903	44.72723	79.29841
3726985.45	122.84957	127.15631	132.43877	138.91540	95.02414	97.70621	48.01768	83.64250	65.96084
3726975.45	97.61103	99.88155	102.55613	105.75581	109.59354	113.89659	118.54999	64.97836	54.96063
3726965.45	80.35159	81.50033	82.77654	84.17601	85.63012	86.97710	87.81709	87.22076	83.40687
3726955.45	67.83628	68.32251	68.79972	69.22365	69.50130	69.47910	68.84892	67.13834	63.81502
3726945.45	58.37235	58.45898	58.47480	58.37195	58.07020	57.45507	56.34610	54.53731	51.85928
3726935.45	50.99082	50.83732	50.59117	50.21184	49.63963	48.79985	47.59859	45.94730	43.79264
3726925.45	45.09367	44.79602	44.41148	43.89719	43.21659	42.32564	41.17473	39.72334	37.96440
3726915.45	40.29013	39.91705	39.45900	38.89215	38.18858	37.32039	36.26461	35.00533	33.54530
3726905.45	36.31326	35.90432	35.41967	34.84262	34.15512	33.34300	32.39187	31.29798	30.06784
3726895.45	32.97356	32.55349	32.06756	31.50515	30.85512	30.10746	29.25761	28.30337	27.25317
3726885.45	30.13764	29.72164	29.24928	28.71226	28.10655	27.42537	26.66570	25.82970	24.92287
3726875.45	27.70264	27.29879	26.84788	26.34443	25.78350	25.16455	24.48468	23.74779	22.95710
3726865.45	25.59218	25.20669	24.78030	24.31105	23.79501	23.23277	22.62278	21.96903	21.27434
3726855.45	23.74693	23.38286	22.98344	22.54743	22.07366	21.56272	21.01370	20.43030	19.81509
3726845.45	22.12246	21.77944	21.40673	21.00331	20.56956	20.10390	19.60812	19.08491	18.53635
3726835.45	20.68188	20.36061	20.01389	19.64119	19.24238	18.81787	18.36872	17.89750	17.40601
3726825.45	19.39645	19.09629	18.77421	18.42998	18.06374	17.67602	17.26787	16.84146	16.39829
3726815.45	18.24298	17.96298	17.66398	17.34597	17.00922	16.65435	16.28233	15.89500	15.49363
3726805.45	17.20265	16.94166	16.66411	16.37013	16.06007	15.73456	15.39451	15.04147	14.67651
3726795.45	16.25998	16.01679	15.75908	15.48706	15.20115	14.90195	14.59029	14.26748	13.93444
3726785.45	15.40213	15.17552	14.93611	14.68417	14.42012	14.14453	13.85818	13.56216	13.25726
3726775.45	14.61841	14.40719	14.18464	13.95103	13.70679	13.45246	13.18875	12.91653	12.63661

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	56.63472	50.71248	45.28863	40.45418	36.19631	32.50343	29.29157	26.54275	24.18270
3727055.45	65.63324	57.64546	50.49081	44.29403	39.00590	34.56104	30.80091	27.66381	25.02678
3727045.45	78.00568	66.66065	56.83233	48.66582	42.00709	36.63799	32.25189	28.69730	25.77724
3727035.45	96.46223	79.00555	64.64540	53.53234	45.06756	38.60841	33.54794	29.57439	26.38614
3727025.45	64.48246	50.68513	74.14270	58.61043	47.90191	40.26961	34.56110	30.21430	26.80190
3727015.45	66.88095	51.54082	84.35237	63.00693	49.97617	41.32773	35.14410	30.53497	26.97531
3727005.45	65.15500	50.44601	41.19805	65.22854	50.70970	41.54309	35.15666	30.47391	26.87848
3726995.45	59.83152	47.63103	39.46522	63.77934	49.70825	40.77321	34.57618	30.01049	26.50046
3726985.45	53.04698	43.80101	77.98545	58.92315	47.05942	39.10636	33.43072	29.17512	25.86304
3726975.45	46.48481	83.35542	65.34486	52.48745	43.38920	36.79064	31.85754	28.04165	25.01446
3726965.45	75.26579	64.71973	54.57269	46.10550	39.41392	34.16978	30.03399	26.71614	24.01552
3726955.45	58.74077	52.56290	46.27485	40.54912	35.63429	31.52855	28.12796	25.29779	22.92835
3726945.45	48.33326	44.24021	39.99098	35.93432	32.26275	29.04078	26.25911	23.86782	21.81232
3726935.45	41.17301	38.22980	35.16369	32.15786	29.34152	26.78281	24.49980	22.48392	20.70838
3726925.45	35.92754	33.69188	31.36486	29.05204	26.83691	24.77249	22.88390	21.17640	19.64264
3726915.45	31.90787	30.14108	28.30761	26.47050	24.68626	22.99305	21.41440	19.96040	18.63187
3726905.45	28.71850	27.28037	25.79383	24.29877	22.83059	21.42032	20.08614	18.83905	17.68325
3726895.45	26.11879	24.92285	23.68916	22.44649	21.21780	20.02663	18.88707	17.80925	16.79857
3726885.45	23.95493	22.94122	21.90029	20.84883	19.80518	18.78649	17.80352	16.86499	15.97637
3726875.45	22.12146	21.25064	20.35781	19.45620	18.55845	17.67774	16.82218	15.99908	15.21344
3726865.45	20.54454	19.78756	19.01313	18.23094	17.45161	16.68159	15.93084	15.20409	14.50579
3726855.45	19.17267	18.50878	17.83033	17.14505	16.46016	15.78225	15.11861	14.47294	13.84908
3726845.45	17.96646	17.37885	16.77929	16.17374	15.56778	14.96654	14.37602	13.79910	13.23906
3726835.45	16.89656	16.37321	15.83905	15.30005	14.76015	14.22341	13.69483	13.17664	12.67164
3726825.45	15.94043	15.47103	14.99239	14.50956	14.02556	13.54362	13.06798	12.60032	12.14304
3726815.45	15.08006	14.65680	14.22554	13.79062	13.35437	12.91941	12.48935	12.06547	11.64979
3726805.45	14.30130	13.91783	13.52736	13.13367	12.73858	12.34421	11.95368	11.56795	11.18875
3726795.45	13.59268	13.24381	12.88875	12.53084	12.17148	11.81244	11.45642	11.10414	10.75708
3726785.45	12.94487	12.62629	12.30218	11.97553	11.64742	11.31933	10.99363	10.67083	10.35221
3726775.45	12.35016	12.05826	11.76139	11.46223	11.16161	10.86079	10.56186	10.26518	9.97185

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	22.14393	20.37258	18.82950	17.47418	16.27851	15.21747	14.26988	13.41982
3727055.45	22.78726	20.86889	19.21683	17.77965	16.52169	15.41271	14.42784	13.54853
3727045.45	23.34117	21.28416	19.53224	18.02209	16.70994	15.56011	14.54412	13.64138
3727035.45	23.77246	21.59515	19.75944	18.18996	16.83496	15.65368	14.61437	13.69401
3727025.45	24.04778	21.78001	19.88388	18.27343	16.89004	15.68879	14.63537	13.70478
3727015.45	24.13712	21.82141	19.89475	18.26566	16.87084	15.66266	14.60534	13.67260
3727005.45	24.02730	21.70978	19.78683	18.16393	16.77602	15.57480	14.52427	13.59771
3726995.45	23.71457	21.44652	19.56176	17.97013	16.60764	15.42712	14.39389	13.48169
3726985.45	23.21294	21.04177	19.22865	17.69152	16.37103	15.22391	14.21768	13.32737
3726975.45	22.55506	20.51687	18.80195	17.33854	16.07432	14.97139	14.00048	13.13864
3726965.45	21.77805	19.89960	18.30052	16.92476	15.72755	14.67718	13.74820	12.92010
3726955.45	20.92689	19.21769	17.74479	16.46496	15.34169	14.34958	13.46723	12.67680
3726945.45	20.03845	18.49895	17.15540	15.97365	14.92763	13.99692	13.16404	12.41383
3726935.45	19.14576	17.76757	16.54783	15.46387	14.49539	13.62700	12.84477	12.13608
3726925.45	18.26895	17.03914	15.93684	14.94663	14.05367	13.24673	12.51497	11.84804
3726915.45	17.42362	16.32727	15.33296	14.43061	13.60957	12.86193	12.17942	11.55366
3726905.45	16.61820	15.64018	14.74367	13.92235	13.16867	12.47733	11.84210	11.25628
3726895.45	15.85673	14.98275	14.17392	13.42648	12.73518	12.09661	11.50623	10.95869
3726885.45	15.14032	14.35743	13.62672	12.94614	12.31208	11.72257	11.17434	10.66314
3726875.45	14.46831	13.76502	13.10364	12.48328	11.90145	11.35724	10.84834	10.37138
3726865.45	13.83892	13.20520	12.60527	12.03897	11.50463	11.00205	10.52967	10.08478
3726855.45	13.24983	12.67697	12.13149	11.61367	11.12239	10.65796	10.21933	9.80436
3726845.45	12.69842	12.17895	11.68175	11.20739	10.75510	10.32553	9.91803	9.53088
3726835.45	12.18204	11.70951	11.25520	10.81979	10.40279	10.00504	9.62619	9.26486
3726825.45	11.69807	11.26695	10.85080	10.45036	10.06528	9.69657	9.34406	9.00662
3726815.45	11.24403	10.84955	10.46743	10.09840	9.74225	9.40002	9.07171	8.75637
3726805.45	10.81757	10.45563	10.10392	9.76319	9.43325	9.11519	8.80909	8.51418
3726795.45	10.41652	10.08357	9.75913	9.44391	9.13776	8.84176	8.55608	8.28004
3726785.45	10.03889	9.73186	9.43192	9.13975	8.85522	8.57940	8.31247	8.05387
3726775.45	9.68286	9.39906	9.12121	8.84992	8.58507	8.32770	8.07736	7.83552

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** 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
418554.30	3726952.94	45.44138	418588.83	3726936.99	26.40500
418621.06	3726898.60	16.56000	418540.35	3726921.02	33.15472
418517.77	3726916.44	35.16529	418553.95	3726903.64	25.67330
418569.20	3726897.12	22.32127	418595.63	3726869.12	16.27225
418474.33	3726881.10	27.72423	418522.17	3726860.74	20.81317
418450.23	3726839.32	21.08137	418483.59	3726835.57	19.35352
418436.23	3726824.73	19.57892	418425.80	3726805.10	17.64279
418595.95	3726915.31	21.39334	418426.14	3726814.62	18.64934
418536.67	3726953.06	55.46120	418556.00	3726851.05	17.34897
418418.06	3726821.00	19.57450	418550.08	3726960.90	55.15316
418422.83	3726819.47	19.28268			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	15.22187	15.53876	15.85099	16.15738	16.45664	16.74761	17.02879	17.29901	17.55667
3727055.45	15.96584	16.31487	16.65951	16.99845	17.33035	17.65374	17.96718	18.26915	18.55810
3727045.45	16.76519	17.15028	17.53142	17.90709	18.27578	18.63604	18.98605	19.32420	19.64894
3727035.45	17.62555	18.05124	18.47348	18.89076	19.30124	19.70321	20.09487	20.47435	20.84012
3727025.45	18.55328	19.02482	19.49362	19.95791	20.41582	20.86540	21.30464	21.73149	22.14440
3727015.45	19.55561	20.07899	20.60059	21.11865	21.63074	22.13484	22.62873	23.11012	23.57733
3727005.45	20.64076	21.22300	21.80503	22.38411	22.95815	23.52474	24.08190	24.62622	25.15623
3726995.45	21.81820	22.46753	23.11853	23.76771	24.41349	25.05219	25.68147	26.29921	26.90215
3726985.45	23.09901	23.82579	24.55523	25.28586	26.01343	26.73621	27.44978	28.15234	28.84030
3726975.45	24.49591	25.31128	26.13174	26.95607	27.78001	28.59923	29.41194	30.21366	31.00126
3726965.45	26.02390	26.94158	27.86888	28.80222	29.73682	30.67086	31.59912	32.51756	33.42265
3726955.45	27.70053	28.73714	29.78805	30.84929	31.91640	32.98481	34.04978	35.10659	36.15127
3726945.45	29.54663	30.72227	31.91854	33.13076	34.35385	35.58378	36.81189	38.03421	39.24619
3726935.45	31.58698	32.92646	34.29740	35.68937	37.09898	38.51966	39.94464	41.36851	42.78305
3726925.45	33.85482	35.38873	36.96294	38.57400	40.20930	41.86363	43.52860	45.19730	46.85998
3726915.45	36.38413	38.15101	39.97372	41.84815	43.75965	45.70157	47.66340	49.63606	51.60747
3726905.45	39.21936	41.26799	43.39377	45.59239	47.84679	50.14838	52.48359	54.84017	57.20275
3726895.45	42.41484	44.80744	47.30763	49.91104	52.59794	55.35743	58.17184	61.02406	63.89366
3726885.45	46.03771	48.85541	51.82429	54.94126	58.18397	61.53904	64.98315	68.49198	72.03681
3726875.45	50.17196	53.52129	57.08590	60.86623	64.83865	68.98752	73.28268	77.68906	82.16112
3726865.45	54.92347	58.94678	63.28123	67.93576	72.88943	78.12706	83.61161	89.29301	95.10398
3726855.45	60.42711	65.31743	70.66458	76.49736	82.80706	89.58943	96.80614	104.39087	112.24087
3726845.45	66.85644	72.87936	79.58612	87.04819	95.29356	104.35643	114.22607	124.84108	136.05218
3726835.45	74.43764	81.96556	90.54021	100.32307	111.43859	124.03716	138.22751	154.10229	171.50745
3726825.45	83.46985	93.03629	104.24561	117.45321	133.02401	151.47346	173.31452	199.14865	230.14611
3726815.45	94.35610	106.73937	121.77970	140.27229	163.20427	192.21035	229.36130	275.13709	205.64272
3726805.45	107.64977	124.00168	144.82764	172.08789	208.18166	181.54862	199.36735	145.34915	152.99385
3726795.45	124.13812	146.20948	176.10390	219.18874	183.25687	137.29630	155.03337	173.77249	162.62847
3726785.45	145.02707	175.72212	220.23347	196.15813	219.04891	159.06515	160.36276	182.38828	169.31569
3726775.45	172.34391	216.76206	188.95126	142.22041	154.67996	110.07786	168.92885	163.74621	230.04262

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	17.80025	18.02881	18.24021	18.43324	18.60641	18.75867	18.88750	18.99145	19.06929
3727055.45	18.83243	19.09034	19.33036	19.55120	19.75046	19.92672	20.07818	20.20266	20.29866
3727045.45	19.95835	20.25068	20.52393	20.77641	21.00621	21.21139	21.38993	21.53930	21.65776
3727035.45	21.18992	21.52179	21.83375	22.12341	22.38913	22.62863	22.83965	23.01933	23.16434
3727025.45	22.54077	22.91872	23.27545	23.60897	23.91713	24.19722	24.44732	24.66395	24.84341
3727015.45	24.02750	24.45827	24.86755	25.25232	25.61053	25.93938	26.23660	26.49844	26.72215
3727005.45	25.66881	26.16143	26.63187	27.07692	27.49443	27.88157	28.23575	28.55295	28.83021
3726995.45	27.48740	28.05226	28.59446	29.11061	29.59858	30.05556	30.47870	30.86391	31.20803
3726985.45	29.51050	30.16062	30.78676	31.38708	31.95894	32.49980	33.00665	33.47552	33.90334
3726975.45	31.77127	32.52129	33.24722	33.94751	34.61962	35.26153	35.87026	36.44225	36.97633
3726965.45	34.31059	35.17901	36.02351	36.84301	37.63538	38.39935	39.13258	39.83334	40.49810
3726955.45	37.17961	38.18917	39.17541	40.13796	41.07530	41.98755	42.87311	43.73200	44.56273
3726945.45	40.44298	41.62217	42.77914	43.91442	45.02755	46.12050	47.19345	48.24922	49.29025
3726935.45	44.18405	45.56907	46.93337	48.27895	49.60688	50.92192	52.22710	53.52932	54.83584
3726925.45	48.51146	50.14784	51.76835	53.37287	54.96609	56.55545	58.15128	59.76575	61.41138
3726915.45	53.57092	55.52190	57.45886	59.38483	61.31067	63.24671	65.20993	67.22249	69.30457
3726905.45	59.56202	61.91245	64.25287	66.58930	68.93289	71.31318	73.75106	76.28138	78.93685
3726895.45	66.76470	69.63372	72.49876	75.36961	78.26703	81.21956	84.28594	87.50861	90.93778
3726885.45	75.59452	79.15736	82.72408	86.30751	89.94814	93.69262	97.60243	101.78769	106.30601
3726875.45	86.67268	91.19442	95.73485	100.31954	105.00021	109.86834	115.01909	120.59330	126.78694
3726865.45	100.99465	106.91861	112.87845	118.92882	125.16555	131.74939	138.84349	146.67564	155.53550
3726855.45	120.25793	128.37906	136.58281	144.96149	153.72492	163.17903	173.68209	185.55550	199.37697
3726845.45	147.66228	159.57133	171.69995	184.13783	197.58509	212.37824	229.87903	250.21576	196.13739
3726835.45	189.83953	209.13842	229.54188	249.72412	188.95766	207.77983	217.30218	224.17531	148.89138
3726825.45	182.05268	204.79802	206.85205	144.99956	156.77502	159.91162	157.08394	181.15555	158.58918
3726815.45	225.67937	149.10677	171.41430	161.86755	165.34379	177.93098	160.59258	180.71182	159.30866
3726805.45	184.22833	162.78920	173.85260	171.79650	161.93375	180.73556	154.13905	157.77336	149.59480
3726795.45	179.56598	170.12113	163.99895	167.93643	150.45137	214.01027	210.96858	194.81444	252.02746
3726785.45	163.64213	233.51078	150.04350	198.58376	256.33590	236.23191	217.56213	200.92764	186.12332
3726775.45	295.28026	255.85025	228.53649	208.86709	193.12081	179.90714	168.11726	157.38646	147.46256

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	19.11830	19.13914	19.12894	19.08496	19.00939	18.89955	18.76003	18.58317	18.37097
3727055.45	20.36310	20.39639	20.39517	20.35616	20.28138	20.16756	20.01934	19.82804	19.59560
3727045.45	21.74173	21.79136	21.80266	21.77166	21.70010	21.58396	21.42772	21.22147	20.96696
3727035.45	23.27435	23.34539	23.37395	23.35520	23.29047	23.17464	23.01191	22.79071	22.51237
3727025.45	24.98500	25.08405	25.13624	25.13565	25.08297	24.97166	24.80524	24.56998	24.26645
3727015.45	26.90250	27.03824	27.12261	27.15116	27.11820	27.01794	26.84982	26.60294	26.27478
3727005.45	29.06328	29.24721	29.37625	29.44304	29.44086	29.36157	29.20183	28.94782	28.59324
3726995.45	31.50641	31.75339	31.94202	32.06577	32.11033	32.06714	31.92877	31.67706	31.30155
3726985.45	34.28667	34.61653	34.88612	35.08512	35.20254	35.21854	35.12288	34.89029	34.50332
3726975.45	37.46531	37.90373	38.28434	38.59215	38.81378	38.92565	38.90646	38.72295	38.34722
3726965.45	41.12505	41.70646	42.23507	42.69587	43.07028	43.33265	43.44649	43.36646	43.04363
3726955.45	45.36546	46.13503	46.86360	47.53934	48.13993	48.63379	48.97274	49.09102	48.90537
3726945.45	50.31822	51.33398	52.33383	53.30847	54.23944	55.09172	55.80626	56.29151	56.41088
3726935.45	56.15491	57.49386	58.85860	60.24985	61.66212	63.06519	64.40237	65.55418	66.31832
3726925.45	63.10750	64.87407	66.73216	68.70385	70.80739	73.04863	75.40200	77.76738	79.87728
3726915.45	71.49238	73.82533	76.35128	79.14465	82.24547	85.74829	89.73855	94.26147	99.16652
3726905.45	81.77906	84.89394	88.34067	92.25043	96.81108	102.19890	108.77345	117.02339	127.59184
3726895.45	94.69703	98.86105	103.63137	109.17008	115.84863	124.07285	134.67964	149.12487	170.23199
3726885.45	111.35298	117.09810	123.76427	131.80900	141.75798	154.44548	171.54342	196.26245	158.61537
3726875.45	133.75899	141.92742	151.73632	163.87944	179.40366	199.78913	228.64593	116.72258	196.62675
3726865.45	165.84945	178.20427	193.57361	213.27819	239.93019	197.51472	204.09970	134.77363	129.34893
3726855.45	216.01011	236.40726	183.95905	133.76064	212.80705	144.09368	143.42453	160.78448	130.58563
3726845.45	200.92717	141.47162	228.10385	150.53156	152.38217	165.59387	143.51467	148.75038	131.79424
3726835.45	244.94140	155.32452	161.52866	166.11834	150.07769	164.89873	139.72473	127.53975	178.39207
3726825.45	171.33602	163.42294	154.33072	171.41272	141.59093	137.88510	191.26393	252.48896	209.54530
3726815.45	157.49527	159.53298	140.93321	205.78348	192.93101	249.06909	213.87489	183.30816	157.73994
3726805.45	139.39456	192.98672	261.16624	232.22265	205.51162	181.72246	160.96459	142.38597	125.74176
3726795.45	228.27895	208.30101	189.55976	172.49480	156.66730	141.92959	128.28951	115.66879	104.02143
3726785.45	172.43573	159.83189	147.96524	136.70553	125.99638	115.79279	106.11469	96.97430	88.37874
3726775.45	138.15017	129.33427	120.89722	112.77510	104.94671	97.40135	90.15826	83.22507	76.62084

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	18.12419	17.84468	17.53340	17.19368	16.82833	16.44087	16.03537	15.61572
3727055.45	19.32274	19.01149	18.66309	18.28145	17.87008	17.43333	16.97618	16.50347
3727045.45	20.66473	20.31701	19.92538	19.49444	19.02864	18.53347	18.01507	17.47902
3727035.45	22.17712	21.78734	21.34498	20.85556	20.32478	19.75960	19.16783	18.55670
3727025.45	23.89423	23.45575	22.95342	22.39389	21.78456	21.13451	20.45381	19.75199
3727015.45	25.86128	25.36541	24.79150	24.14686	23.44132	22.68691	21.89697	21.08426
3727005.45	28.13497	27.57330	26.91309	26.16365	25.33829	24.45347	23.52725	22.57705
3726995.45	30.79544	30.15705	29.39135	28.51027	27.53281	26.48173	25.38243	24.25907
3726985.45	33.94984	33.22286	32.32675	31.27739	30.10220	28.83431	27.51062	26.16541
3726975.45	37.75275	36.92454	35.86445	34.59376	33.15373	31.59511	29.97331	28.33830
3726965.45	42.42961	41.49052	40.22034	38.64849	36.84047	34.87857	32.84957	30.82802
3726955.45	48.32540	47.27695	45.73185	43.73169	41.38798	38.84308	36.24014	33.69183
3726945.45	55.99291	54.87131	52.95675	50.31188	47.14017	43.71089	40.27030	36.98903
3726935.45	66.36907	65.31953	62.90345	59.19910	54.64359	49.79114	45.08467	40.76893
3726925.45	81.16023	80.68668	77.59188	71.92157	64.79924	57.50064	50.82133	45.04051
3726915.45	103.68598	105.62627	101.79667	91.74839	79.14674	67.32652	57.52950	49.71793
3726905.45	140.72901	152.41378	71.83022	126.42146	100.10329	79.56349	64.97663	54.53662
3726895.45	116.75653	105.47839	89.74445	74.75447	129.11216	93.26050	72.33347	58.98477
3726885.45	84.17772	70.97136	117.61646	89.88401	71.08488	104.57444	78.04093	62.36398
3726875.45	108.32837	84.79916	68.02634	106.70432	79.14285	108.37319	80.54606	64.06540
3726865.45	65.28118	100.91983	75.99475	118.35201	146.78619	104.25375	79.53924	63.91468
3726855.45	121.85692	178.62798	150.64724	175.08911	126.94491	96.20943	76.01317	62.20986
3726845.45	109.08528	153.16336	188.71237	141.88981	109.80768	87.29930	71.21610	59.47658
3726835.45	158.90961	185.04877	146.90120	117.69037	95.55447	78.78461	66.01972	56.20556
3726825.45	173.03470	143.48413	119.35341	99.68381	83.81001	71.08521	60.90828	52.75071
3726815.45	135.57574	116.41025	99.95828	85.95418	74.15731	64.30333	56.11895	49.33234
3726805.45	110.80804	97.45901	85.61785	75.22048	66.18448	58.40290	51.74697	46.07451
3726795.45	93.30887	83.51392	74.62786	66.64682	59.54789	53.28947	47.81164	43.03808
3726785.45	80.33623	72.86118	65.97001	59.67420	53.97368	48.85605	44.29348	40.24460
3726775.45	70.36618	64.48364	58.99395	53.91334	49.24849	44.99990	41.15204	37.69287

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

*** 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
418554.30	3726952.94	48.02374	418588.83	3726936.99	62.08465
418621.06	3726898.60	166.72794	418540.35	3726921.02	67.48752
418517.77	3726916.44	66.78420	418553.95	3726903.64	90.06438
418569.20	3726897.12	107.92768	418595.63	3726869.12	186.91985
418474.33	3726881.10	91.31013	418522.17	3726860.74	169.39667
418450.23	3726839.32	177.75318	418483.59	3726835.57	187.44016
418436.23	3726824.73	236.87818	418425.80	3726805.10	146.17776
418595.95	3726915.31	89.97315	418426.14	3726814.62	126.84744
418536.67	3726953.06	46.53988	418556.00	3726851.05	202.09758
418418.06	3726821.00	201.14967	418550.08	3726960.90	43.89590
418422.83	3726819.47	227.17463			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	9.57134	10.03573	10.53886	11.08860	11.68930	12.34574	13.06899	13.86367	14.74352
3727055.45	9.77912	10.26888	10.80180	11.38520	12.02810	12.73512	13.52012	14.39013	15.36351
3727045.45	9.97962	10.49278	11.05665	11.67516	12.35834	13.11877	13.96446	14.91242	15.98417
3727035.45	10.17088	10.70804	11.29870	11.95316	12.67772	13.48650	14.39467	15.42114	16.59355
3727025.45	10.35093	10.91075	11.52840	12.21329	12.97705	13.83409	14.80255	15.90551	17.17721
3727015.45	10.51623	11.09672	11.73899	12.45581	13.25601	14.15806	15.18295	16.35793	17.72367
3727005.45	10.66638	11.26527	11.93156	12.67266	13.50485	14.44633	15.52429	16.76305	18.21224
3726995.45	10.79975	11.41435	12.09935	12.86264	13.72452	14.69926	15.81495	17.10991	18.62715
3726985.45	10.91496	11.54443	12.24223	13.02569	13.90587	14.90910	16.05593	17.38956	18.95558
3726975.45	11.01093	11.64997	12.35857	13.15456	14.05215	15.06897	16.23912	17.59597	19.18917
3726965.45	11.08693	11.73216	12.44997	13.25343	14.15581	15.18402	16.36236	17.72660	19.32497
3726955.45	11.14262	11.79063	12.51094	13.31635	14.22284	15.25066	16.42587	17.78241	19.36542
3726945.45	11.17800	11.82548	12.54422	13.34653	14.24764	15.27030	16.43207	17.76748	19.31748
3726935.45	11.19342	11.83724	12.55341	13.34823	14.23856	15.24211	16.38115	17.68825	19.19123
3726925.45	11.19197	11.82947	12.53431	13.32028	14.19487	15.17694	16.28648	17.55259	18.99843
3726915.45	11.17218	11.80081	12.49410	13.26493	14.11966	15.07548	16.15003	17.36899	18.75114
3726905.45	11.13514	11.75269	12.43191	13.18471	14.01634	14.94230	15.97801	17.14589	18.46081
3726895.45	11.08211	11.68673	12.34982	13.08232	13.88842	14.78201	15.77642	16.89115	18.13770
3726885.45	11.01443	11.60463	12.24998	12.96048	13.73936	14.59899	15.55085	16.61183	17.79063
3726875.45	10.93350	11.50811	12.13453	12.82186	13.57246	14.39734	15.30632	16.31406	17.42328
3726865.45	10.84071	11.39887	12.00553	12.66896	13.39077	14.18073	15.04723	16.00302	17.04916
3726855.45	10.73743	11.27854	11.86494	12.50413	13.19705	13.95241	14.77737	15.68302	16.66917
3726845.45	10.62496	11.14866	11.71457	12.32948	12.99378	13.71521	14.49992	15.35761	16.28707
3726835.45	10.50453	11.01067	11.55607	12.14692	12.78311	13.47157	14.21756	15.02961	15.90578
3726825.45	10.37730	10.86589	11.39095	11.95814	12.56693	13.22354	13.93498	14.70133	15.52754
3726815.45	10.24433	10.71550	11.22055	11.76461	12.34685	12.97286	13.64890	14.37457	15.15404
3726805.45	10.10659	10.56059	11.04604	11.56762	12.12425	12.72097	13.36339	14.05073	14.78654
3726795.45	9.96496	10.40212	10.86846	11.36829	11.90030	12.46905	13.07963	13.73092	14.42597
3726785.45	9.82021	10.24093	10.68874	11.16758	11.67598	12.21810	12.79854	13.41595	14.07295
3726775.45	9.67305	10.07779	10.50766	10.96630	11.45212	11.96891	12.52086	13.10644	13.72792

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	15.71679	16.79129	17.98286	19.29678	20.73619	22.29091	23.94878	25.66438	27.37176
3727055.45	16.45342	17.67734	19.05404	20.59775	22.33160	24.25724	26.36067	28.59516	30.86697
3727045.45	17.19927	18.58432	20.17068	21.99364	24.09006	26.49071	29.20586	32.19663	35.34125
3727035.45	17.93915	19.49631	21.31350	23.45762	25.99037	28.99817	32.55197	36.67099	41.24906
3727025.45	18.65370	20.39282	22.45452	24.93873	27.97387	31.73986	36.42575	42.24174	49.24653
3727015.45	19.32560	21.23099	23.54192	26.38255	29.96124	34.59539	40.72241	49.00978	60.21730
3727005.45	19.92597	21.98579	24.51878	27.69164	31.79590	37.32075	45.06997	56.57188	74.63654
3726995.45	20.43137	22.61539	25.32629	28.76551	33.29536	39.56152	48.74041	63.42466	37.81564
3726985.45	20.82267	23.09702	25.91508	29.51706	34.29297	40.96272	50.88100	67.16366	41.09026
3726975.45	21.08794	23.39880	26.25732	29.89985	34.70373	41.34854	51.05840	66.49073	43.65677
3726965.45	21.22397	23.52468	26.35196	29.91951	34.55414	40.81251	49.59868	62.57089	82.78528
3726955.45	21.23606	23.48580	26.22234	29.62596	33.95620	39.62463	47.21692	57.64272	72.22715
3726945.45	21.13625	23.30346	25.90716	29.09196	33.05257	38.07634	44.51969	52.87238	63.73777
3726935.45	20.94071	23.00410	25.45043	28.39220	31.97089	36.38351	41.84553	48.63535	57.08498
3726925.45	20.66719	22.60882	24.89365	27.59012	30.80592	34.66716	39.32524	44.95582	51.73790
3726915.45	20.33285	22.15441	24.26550	26.72678	29.61189	33.00806	37.01657	41.75210	47.32818
3726905.45	19.95322	21.65541	23.60596	25.85078	28.43585	31.43750	34.91935	38.96025	43.63614
3726895.45	19.53698	21.12339	22.92296	24.97052	27.30604	29.96646	33.01767	36.50898	40.49269
3726885.45	19.10427	20.58154	22.24224	24.10729	26.21812	28.60301	31.29089	34.33972	37.77838
3726875.45	18.65886	20.02952	21.56273	23.27529	25.18416	27.32697	29.71830	32.40524	35.41665
3726865.45	18.20740	19.48376	20.89655	22.46770	24.20495	26.13981	28.28117	30.66797	33.32125
3726855.45	17.75126	18.94433	20.25260	21.69284	23.27937	25.03442	26.96287	29.09775	31.45437
3726845.45	17.30183	18.41084	19.62383	20.95143	22.41067	24.00375	25.74931	27.67033	29.77800
3726835.45	16.85797	17.89360	19.02069	20.24791	21.58464	23.04107	24.62834	26.36611	28.26991
3726825.45	16.42170	17.38999	18.43907	19.57611	20.80883	22.14562	23.59560	25.17550	26.89799
3726815.45	15.99441	16.90090	17.87904	18.93483	20.07469	21.30557	22.63505	24.07749	25.64333
3726805.45	15.57709	16.42678	17.34030	18.32267	19.37928	20.51596	21.73903	23.06095	24.49041
3726795.45	15.17034	15.96780	16.82231	17.73814	18.71984	19.77233	20.90092	22.11651	23.42641
3726785.45	14.77452	15.52386	16.32439	17.17973	18.09377	19.07067	20.11496	21.23622	22.44063
3726775.45	14.38977	15.09474	15.84578	16.64598	17.49868	18.40745	19.37615	20.41735	21.52409

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	28.98620	30.40117	31.53905	32.34567	32.81762	32.98246	32.87909	32.57002	32.10294
3727055.45	33.03933	34.92654	36.38723	37.33508	37.77901	37.78624	37.43867	36.84602	36.08158
3727045.45	38.41195	41.06285	43.00576	44.08577	44.37338	44.03631	43.23830	42.17189	40.94459
3727035.45	45.88059	49.89966	52.60404	53.70807	53.48917	52.39747	50.76636	48.90723	46.95906
3727025.45	56.90498	63.75801	67.84387	68.44025	66.68788	63.92448	60.75154	57.56359	54.48890
3727015.45	74.40870	39.87913	45.00715	49.94212	86.90144	80.34188	74.30855	68.88564	64.04817
3727005.45	39.91602	46.89727	55.23590	63.94285	70.59911	104.74307	93.38673	84.05950	76.39109
3726995.45	45.31571	55.79693	70.29973	37.97087	43.12812	86.94032	77.79453	105.12830	92.72874
3726985.45	50.77386	65.96352	37.48965	44.00061	52.09079	102.29007	95.28127	91.91864	115.25857
3726975.45	55.19257	74.86594	41.93079	51.21440	64.38320	73.22277	65.23658	63.53647	96.55590
3726965.45	57.27140	78.37539	46.23060	58.89077	35.19350	71.20269	69.80424	73.32280	111.66782
3726955.45	92.18446	75.41064	49.57304	104.05254	69.34157	70.04680	76.11809	88.55750	78.89388
3726945.45	77.76771	95.60139	118.83476	92.42749	63.63653	70.45390	84.26472	84.22784	78.99041
3726935.45	67.54806	80.49069	96.66673	117.26103	99.01450	108.25687	78.93349	77.60827	80.71338
3726925.45	59.90854	69.76503	81.75141	96.61079	115.76378	93.65237	69.45437	74.13781	84.12534
3726915.45	53.90703	61.68556	70.94840	82.19181	96.07349	113.72628	136.94763	108.84711	119.84167
3726905.45	49.06241	55.39619	62.78953	71.53959	82.11072	95.08768	111.61745	133.72387	107.65297
3726895.45	45.06892	50.30734	56.37066	63.40648	71.72694	81.68267	93.92023	109.37928	129.44213
3726885.45	41.68508	46.12057	51.16156	56.96533	63.69494	71.58074	81.01091	92.53215	107.01266
3726875.45	38.78408	42.58193	46.86739	51.73006	57.29103	63.70067	71.20920	80.15670	91.05815
3726865.45	36.27399	39.56597	43.24764	47.38402	52.04746	57.37989	63.50973	70.67081	79.17889
3726855.45	34.05833	36.94054	40.13905	43.70224	47.69276	52.19282	57.29802	63.16780	70.00752
3726845.45	32.10094	34.64699	37.45355	40.55715	44.00444	47.85552	52.17714	57.08221	62.70958
3726835.45	30.34168	32.60746	35.09852	37.82711	40.83642	44.17121	47.87933	52.04309	56.76017
3726825.45	28.76340	30.79338	33.01355	35.43174	38.08235	40.99943	44.21755	47.79870	51.81330
3726815.45	27.33171	29.16089	31.15214	33.31033	35.66312	38.23697	41.05722	44.17142	47.63187
3726805.45	26.02570	27.68233	29.47822	31.41609	33.51867	35.80674	38.29910	41.03300	44.04789
3726795.45	24.82830	26.33548	27.96318	29.71260	31.60265	33.64993	35.86858	38.28819	40.93904
3726785.45	23.72547	25.10224	26.58402	28.17085	29.87872	31.72101	33.70842	35.86501	38.21427
3726775.45	22.70557	23.96778	25.32204	26.76755	28.31791	29.98410	31.77422	33.70809	35.80438

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	31.52222	30.86188	30.15136	29.41131	28.66026	27.90863	27.16135	26.42448
3727055.45	35.20752	34.26743	33.29623	32.31629	31.34668	30.39682	29.46957	28.56947
3727045.45	39.63818	38.30308	36.97630	35.67857	34.42649	33.22534	32.07401	30.97425
3727035.45	45.01351	43.11992	41.30806	39.58936	37.97186	36.45256	35.02223	33.67706
3727025.45	51.59836	48.91416	46.44008	44.16297	42.07277	40.14990	38.37206	36.72573
3727015.45	59.75509	55.94849	52.56706	49.54721	46.84342	44.40749	42.19553	40.17857
3727005.45	69.99716	64.58539	59.95480	55.93992	52.43420	49.34224	46.58481	44.10956
3726995.45	83.09657	75.35539	68.96798	63.60501	59.05189	55.11089	51.66178	48.61483
3726985.45	100.41946	89.12464	80.20254	72.96660	66.98999	61.93316	57.59276	53.82334
3726975.45	124.59622	107.36989	94.57185	84.64152	76.68485	70.12470	64.61344	59.91298
3726965.45	104.61570	132.68941	113.78530	99.67662	88.82302	80.16316	73.06488	67.13750
3726955.45	73.01803	111.77164	96.93534	119.97089	104.56833	92.80405	83.47330	75.86994
3726945.45	79.60692	124.30194	113.78846	148.69591	126.08529	109.38199	96.68542	86.68305
3726935.45	89.98435	89.20715	79.83367	76.55494	106.15097	132.42874	114.19219	100.51093
3726925.45	93.36901	85.21098	83.44853	86.41278	121.52121	114.15181	138.68204	119.09620
3726915.45	82.14229	83.14709	89.72056	99.03084	85.79552	80.47162	115.87465	102.17096
3726905.45	75.75034	83.01794	98.52367	90.48013	86.39789	87.80851	129.12118	120.26389
3726895.45	107.93956	117.26396	85.39899	84.78849	89.00343	100.04898	91.91417	84.05450
3726885.45	126.01758	103.00631	76.52131	81.77519	93.34931	95.62371	89.16097	88.75637
3726875.45	104.70096	122.22063	145.63062	114.54002	127.20531	86.20171	88.37168	96.79637
3726865.45	89.49424	102.31124	118.81403	141.02548	115.35696	80.67857	89.24920	100.99111
3726855.45	78.10682	87.89213	100.01352	115.41930	135.64352	111.66022	121.80927	87.53968
3726845.45	69.25037	76.97361	86.26669	97.69766	112.23179	131.46062	108.25059	79.74914
3726835.45	62.16077	68.42319	75.79484	84.63137	95.50758	109.20342	126.86746	150.97621
3726825.45	56.35353	61.54154	67.54330	74.58808	83.03536	93.34302	106.23491	123.00911
3726815.45	51.50532	55.87888	60.86692	66.62438	73.38877	81.44664	91.24201	103.48327
3726805.45	47.39351	51.13329	55.34921	60.14889	65.69720	72.17923	79.87477	89.21719
3726795.45	43.85891	47.09518	50.70796	54.77474	59.41342	64.74823	70.96380	78.34244
3726785.45	40.78534	43.61429	46.74627	50.23825	54.17780	58.65011	63.78248	69.76636
3726775.45	38.08571	40.58001	43.32186	46.35411	49.74339	53.54992	57.87685	62.82007

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

*** 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
418554.30	3726952.94	87.28731	418588.83	3726936.99	114.01348
418621.06	3726898.60	153.01748	418540.35	3726921.02	60.78127
418517.77	3726916.44	43.01370	418553.95	3726903.64	60.00634
418569.20	3726897.12	67.28545	418595.63	3726869.12	65.91606
418474.33	3726881.10	23.43770	418522.17	3726860.74	31.44097
418450.23	3726839.32	17.47389	418483.59	3726835.57	21.26938
418436.23	3726824.73	15.52531	418425.80	3726805.10	14.02909
418595.95	3726915.31	136.54703	418426.14	3726814.62	14.36203
418536.67	3726953.06	89.73781	418556.00	3726851.05	38.93210
418418.06	3726821.00	13.96052	418550.08	3726960.90	42.24616
418422.83	3726819.47	14.26819			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	1.81158	1.80265	1.78877	1.77971	1.77055	1.75675	1.74751	1.73375	1.72440
3727055.45	1.83432	1.82509	1.81080	1.79654	1.78720	1.77299	1.76357	1.74941	1.73989
3727045.45	1.85746	1.84271	1.83319	1.81851	1.80385	1.79421	1.77961	1.76504	1.75534
3727035.45	1.88099	1.86580	1.85064	1.84082	1.82573	1.81066	1.79563	1.78064	1.77076
3727025.45	1.90491	1.88927	1.87365	1.85807	1.84252	1.82701	1.81155	1.79613	1.78615
3727015.45	1.92340	1.90728	1.89119	1.88098	1.86497	1.84900	1.83308	1.81722	1.80688
3727005.45	1.94397	1.92735	1.91483	1.89830	1.88181	1.86538	1.85492	1.83860	1.82789
3726995.45	1.96620	1.94906	1.93472	1.91770	1.90483	1.88792	1.87107	1.86027	1.84918
3726985.45	1.98887	1.97384	1.95624	1.94150	1.92403	1.91078	1.89343	1.88224	1.87076
3726975.45	2.01191	1.99633	1.97819	1.96282	1.94767	1.92975	1.91611	1.90451	1.89261
3726965.45	2.03527	2.01918	2.00316	1.98729	1.96876	1.95320	1.93911	1.92707	1.91475
3726955.45	2.05906	2.04233	2.02580	2.00935	1.99305	1.97699	1.96242	1.94994	1.93719
3726945.45	2.08336	2.06590	2.04872	2.03175	2.01487	2.00111	1.98605	1.97312	1.95991
3726935.45	2.10792	2.08996	2.07477	2.05725	2.03982	2.02256	2.00557	1.99661	1.98293
3726925.45	2.13548	2.11694	2.09845	2.08313	2.06514	2.04732	2.02979	2.02040	2.00625
3726915.45	2.16349	2.14434	2.12526	2.10939	2.09082	2.07244	2.05435	2.04452	2.02987
3726905.45	2.19194	2.17217	2.15247	2.13604	2.11687	2.09790	2.07924	2.06895	2.05379
3726895.45	2.22085	2.20043	2.18009	2.16308	2.14329	2.12372	2.10447	2.09371	2.07803
3726885.45	2.25022	2.22913	2.20813	2.19051	2.17009	2.14989	2.13004	2.11879	2.10258
3726875.45	2.28005	2.25827	2.23659	2.21835	2.19727	2.17643	2.15596	2.14421	2.12085
3726865.45	2.31036	2.28786	2.26548	2.24659	2.22484	2.20334	2.18224	2.16997	2.14596
3726855.45	2.34113	2.31790	2.29479	2.27524	2.25279	2.23062	2.20886	2.19606	2.17140
3726845.45	2.37239	2.34840	2.32455	2.30430	2.28114	2.25828	2.23585	2.22250	2.19717
3726835.45	2.40413	2.37935	2.35474	2.33378	2.30989	2.28632	2.26320	2.24928	2.22327
3726825.45	2.43637	2.41078	2.38538	2.36368	2.33905	2.31474	2.29596	2.27642	2.24970
3726815.45	2.46910	2.44268	2.41646	2.39402	2.36861	2.34355	2.32410	2.30391	2.27648
3726805.45	2.50234	2.47506	2.44800	2.42478	2.39858	2.37276	2.35262	2.33175	2.30359
3726795.45	2.53608	2.50792	2.48000	2.45598	2.42897	2.40236	2.38151	2.35995	2.33104
3726785.45	2.57033	2.54126	2.51247	2.48763	2.45978	2.43235	2.41078	2.38852	2.35883
3726775.45	2.60511	2.57510	2.54540	2.51971	2.49101	2.46275	2.44043	2.41744	2.38697

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	1.71492	1.70122	1.69162	1.68187	1.67197	1.65834	1.64831	1.63816	1.62795
3727055.45	1.73024	1.72045	1.71052	1.69647	1.68641	1.67620	1.66583	1.65536	1.64482
3727045.45	1.74552	1.73555	1.72545	1.71520	1.70480	1.69425	1.68355	1.67274	1.66187
3727035.45	1.76076	1.75062	1.74034	1.73415	1.72341	1.71251	1.70146	1.69031	1.68252
3727025.45	1.77596	1.77045	1.75981	1.74904	1.73812	1.73097	1.71957	1.70806	1.69997
3727015.45	1.79633	1.78565	1.77953	1.76839	1.75710	1.74964	1.73788	1.72601	1.71410
3727005.45	1.81697	1.80591	1.79949	1.78797	1.77631	1.76853	1.75639	1.74415	1.73189
3726995.45	1.83788	1.82643	1.81969	1.80778	1.79574	1.78762	1.77510	1.76249	1.74986
3726985.45	1.85905	1.85230	1.84013	1.82783	1.81539	1.80693	1.79402	1.78103	1.76802
3726975.45	1.88050	1.87340	1.86082	1.84811	1.83527	1.82645	1.81315	1.79977	1.78273
3726965.45	1.90221	1.89476	1.88176	1.86863	1.85538	1.84620	1.83249	1.81492	1.80126
3726955.45	1.92421	1.91639	1.90295	1.88939	1.87572	1.86617	1.85206	1.83404	1.82000
3726945.45	1.94648	1.93828	1.92440	1.91041	1.89630	1.88637	1.87184	1.85338	1.83510
3726935.45	1.96904	1.96045	1.94611	1.93167	1.91712	1.90681	1.89185	1.87294	1.85422
3726925.45	1.99188	1.97740	1.96808	1.95318	1.93819	1.92311	1.90795	1.89271	1.87355
3726915.45	2.01501	2.00005	1.98501	1.96987	1.95466	1.93937	1.92401	1.90858	1.88900
3726905.45	2.03844	2.02299	2.00746	1.99185	1.97109	1.95559	1.94002	1.92440	1.90440
3726895.45	2.05606	2.04036	2.02457	2.00872	1.99281	1.97176	1.95599	1.94017	1.91975
3726885.45	2.08001	2.06380	2.04751	2.02555	2.00940	1.99322	1.97191	1.95589	1.93504
3726875.45	2.10427	2.08135	2.06481	2.04821	2.02596	2.00954	1.98777	1.97154	1.95529
3726865.45	2.12884	2.10532	2.08207	2.06523	2.04248	2.02582	2.00359	1.98715	1.97069
3726855.45	2.14703	2.12958	2.10574	2.08219	2.05895	2.04206	2.01936	2.00269	1.98602
3726845.45	2.17215	2.14745	2.12307	2.09901	2.08174	2.05824	2.03507	2.01819	2.00130
3726835.45	2.19759	2.17225	2.14724	2.12257	2.09825	2.07425	2.05060	2.03360	2.02227
3726825.45	2.22335	2.19735	2.17171	2.14642	2.12149	2.09692	2.07270	2.05522	2.04347
3726815.45	2.24943	2.22275	2.19646	2.17055	2.14501	2.11984	2.09505	2.07706	2.06488
3726805.45	2.27583	2.24847	2.22151	2.19495	2.16878	2.14301	2.11763	2.09913	2.08651
3726795.45	2.30255	2.27449	2.24685	2.21963	2.19282	2.16643	2.14044	2.12143	2.10835
3726785.45	2.32960	2.30082	2.27248	2.24458	2.21712	2.19009	2.16349	2.14395	2.13040
3726775.45	2.35697	2.32745	2.29840	2.26981	2.24168	2.21400	2.18678	2.17307	2.15266

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	1.62097	1.61063	1.60023	1.59274	1.58218	1.57158	1.55269	1.53665	1.52068
3727055.45	1.63756	1.62689	1.61619	1.60842	1.59755	1.58666	1.56741	1.55105	1.53478
3727045.45	1.65431	1.64332	1.63230	1.62424	1.61307	1.60188	1.58228	1.56559	1.54901
3727035.45	1.67124	1.65992	1.64857	1.64023	1.62874	1.61725	1.59729	1.58028	1.56338
3727025.45	1.68834	1.67669	1.66501	1.65637	1.64457	1.63277	1.61245	1.59511	1.57789
3727015.45	1.70562	1.69362	1.68161	1.66960	1.65758	1.64556	1.62776	1.61009	1.58949
3727005.45	1.71963	1.70738	1.69513	1.68288	1.67063	1.65840	1.64022	1.62217	1.60427
3726995.45	1.73725	1.72465	1.71205	1.69621	1.68373	1.67129	1.65271	1.63429	1.61603
3726985.45	1.75149	1.73862	1.72577	1.71295	1.69689	1.68422	1.66526	1.64646	1.63108
3726975.45	1.76946	1.75622	1.73956	1.72648	1.71011	1.69721	1.67785	1.66198	1.64301
3726965.45	1.78396	1.77043	1.75342	1.74009	1.72681	1.71024	1.69050	1.67433	1.65500
3726955.45	1.80228	1.78474	1.77099	1.75377	1.74023	1.72334	1.70322	1.68674	1.67045
3726945.45	1.82080	1.80285	1.78509	1.76753	1.75373	1.73651	1.71599	1.69920	1.68261
3726935.45	1.83570	1.81737	1.79925	1.78133	1.76729	1.74974	1.73240	1.71169	1.69479
3726925.45	1.85459	1.83585	1.81732	1.79900	1.78089	1.76301	1.74533	1.72787	1.71063
3726915.45	1.86965	1.85052	1.83161	1.81685	1.79836	1.78008	1.76204	1.74421	1.72661
3726905.45	1.88464	1.86936	1.85003	1.83093	1.81599	1.79733	1.77890	1.76071	1.74274
3726895.45	1.90409	1.88412	1.86863	1.84912	1.83381	1.81475	1.79593	1.77735	1.75902
3726885.45	1.91920	1.90333	1.88317	1.86749	1.85180	1.83233	1.81311	1.79415	1.77544
3726875.45	1.93424	1.91819	1.90212	1.88605	1.86996	1.85007	1.83045	1.81110	1.79201
3726865.45	1.95423	1.93775	1.92127	1.90478	1.88424	1.86798	1.84795	1.82820	1.80871
3726855.45	1.96936	1.95270	1.93603	1.91937	1.90271	1.88606	1.86561	1.84544	1.82556
3726845.45	1.98972	1.97262	1.95552	1.93843	1.92135	1.90430	1.88342	1.86283	1.84255
3726835.45	2.00494	1.98763	1.97519	1.95767	1.94017	1.92270	1.90138	1.88037	1.85968
3726825.45	2.02566	2.00789	1.99505	1.97708	1.95915	1.94126	1.91950	1.89806	1.87695
3726815.45	2.04659	2.02835	2.01509	1.99668	1.97830	1.95998	1.93777	1.91589	1.89436
3726805.45	2.06773	2.04901	2.03532	2.01644	1.99762	1.97886	1.95619	1.93387	1.91191
3726795.45	2.08906	2.06986	2.05574	2.03639	2.01711	1.99790	1.97476	1.95200	1.92960
3726785.45	2.11060	2.09090	2.07633	2.05650	2.03676	2.01710	1.99350	1.97028	1.94743
3726775.45	2.13234	2.11213	2.09711	2.07680	2.05658	2.03646	2.01238	1.98870	1.96541

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	1.50482	1.48605	1.47037	1.45483	1.44244	1.43311	1.42382	1.41454
3727055.45	1.51861	1.49953	1.48357	1.46775	1.45511	1.44557	1.43606	1.42658
3727045.45	1.53254	1.51314	1.49690	1.48080	1.46791	1.45815	1.44842	1.44156
3727035.45	1.54660	1.52688	1.51035	1.49397	1.48083	1.47084	1.46090	1.45384
3727025.45	1.56080	1.54076	1.52393	1.50726	1.49387	1.48365	1.47348	1.46623
3727015.45	1.57205	1.55477	1.53765	1.52069	1.50703	1.49658	1.48618	1.47873
3727005.45	1.58651	1.56892	1.55149	1.53423	1.52031	1.50963	1.49900	1.49134
3726995.45	1.59793	1.58001	1.56226	1.54466	1.53372	1.52279	1.51193	1.50405
3726985.45	1.61265	1.59441	1.57635	1.55844	1.54724	1.53608	1.52497	1.51687
3726975.45	1.62424	1.60894	1.59056	1.57235	1.56089	1.54948	1.53812	1.52980
3726965.45	1.63922	1.62031	1.60491	1.58638	1.57466	1.56299	1.55138	1.54284
3726955.45	1.65097	1.63509	1.61939	1.60053	1.58855	1.57662	1.56475	1.55598
3726945.45	1.66622	1.65001	1.63060	1.61481	1.60256	1.59036	1.57823	1.56922
3726935.45	1.67810	1.66160	1.64531	1.62922	1.61669	1.60422	1.59182	1.58257
3726925.45	1.69359	1.67677	1.66015	1.64374	1.63093	1.61818	1.60551	1.59601
3726915.45	1.70923	1.69207	1.67512	1.65839	1.64529	1.63226	1.61931	1.60956
3726905.45	1.72501	1.70750	1.69022	1.67316	1.65977	1.64645	1.63321	1.62321
3726895.45	1.74093	1.72307	1.70544	1.68805	1.67436	1.66074	1.64722	1.63696
3726885.45	1.75698	1.73876	1.72079	1.70306	1.68906	1.67515	1.66134	1.65081
3726875.45	1.77317	1.75459	1.73626	1.71819	1.70388	1.68967	1.67556	1.66476
3726865.45	1.78950	1.77055	1.75186	1.73344	1.71882	1.70429	1.68988	1.67881
3726855.45	1.80596	1.78663	1.76758	1.74880	1.73386	1.71903	1.70432	1.69297
3726845.45	1.82255	1.80285	1.78343	1.76429	1.74902	1.73387	1.71886	1.70723
3726835.45	1.83928	1.81919	1.79939	1.77989	1.76430	1.74883	1.73350	1.72159
3726825.45	1.85615	1.83566	1.81549	1.79561	1.77969	1.76390	1.74826	1.73607
3726815.45	1.87315	1.85226	1.83170	1.81146	1.79520	1.77909	1.76313	1.75066
3726805.45	1.89028	1.86900	1.84805	1.82742	1.81083	1.79439	1.77812	1.76536
3726795.45	1.90755	1.88586	1.86452	1.84351	1.82658	1.80981	1.79322	1.78017
3726785.45	1.92496	1.90286	1.88112	1.85973	1.84245	1.82535	1.80843	1.79510
3726775.45	1.94251	1.91999	1.89784	1.87607	1.85844	1.84101	1.82726	1.81014

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

*** 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
418554.30	3726952.94	1.77684	418588.83	3726936.99	1.74105
418621.06	3726898.60	1.74464	418540.35	3726921.02	1.85267
418517.77	3726916.44	1.90173	418553.95	3726903.64	1.85681
418569.20	3726897.12	1.84140	418595.63	3726869.12	1.84212
418474.33	3726881.10	2.03778	418522.17	3726860.74	1.98442
418450.23	3726839.32	2.17690	418483.59	3726835.57	2.10365
418436.23	3726824.73	2.25085	418425.80	3726805.10	2.33161
418595.95	3726915.31	1.76226	418426.14	3726814.62	2.30414
418536.67	3726953.06	1.80540	418556.00	3726851.05	1.94492
418418.06	3726821.00	2.30129	418550.08	3726960.90	1.77108
418422.83	3726819.47	2.29676			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	15.21137	16.02611	16.93259	17.95231	19.10659	20.42331	21.94582	23.72265	25.83148
3727055.45	15.86440	16.75480	17.75150	18.87807	20.16518	21.64637	23.37676	25.41970	27.87822
3727045.45	16.57733	17.55316	18.65650	19.91097	21.35404	23.03620	25.01892	27.39668	30.30741
3727035.45	17.35920	18.43622	19.66066	21.06873	22.70145	24.62285	26.92105	29.72458	33.23792
3727025.45	18.22102	19.41645	20.78644	22.37419	24.23762	26.45769	29.15055	32.49665	36.79677
3727015.45	19.17444	20.50935	22.05313	23.86391	26.01324	28.61188	31.81465	35.85086	30.12020
3727005.45	20.23836	21.73949	23.49541	25.57441	28.08290	31.17434	35.07137	29.67098	22.24030
3726995.45	21.43383	23.13525	25.14759	27.56199	30.52902	34.26822	28.26856	31.05484	23.29243
3726985.45	22.78734	24.73635	27.06585	29.90965	33.44907	38.01020	30.45541	32.76389	25.06122
3726975.45	24.33348	26.58787	29.32704	32.73034	37.03398	31.84609	22.89735	24.57182	37.16553
3726965.45	26.11689	28.75456	32.02891	36.20124	29.70500	22.62705	23.35893	24.33709	25.72705
3726955.45	28.19906	31.31940	35.27638	28.91808	31.31414	24.15598	24.30495	24.53400	24.98411
3726945.45	30.66975	34.41635	39.21917	31.79108	33.74897	35.86396	26.05144	25.35615	24.87730
3726935.45	33.66533	38.26964	32.08262	22.85888	24.03778	25.70805	28.05716	26.98239	25.39189
3726925.45	37.34466	29.90220	33.20930	23.70313	24.20898	24.96515	26.05277	27.40028	26.43329
3726915.45	29.92188	32.02232	34.49639	25.24028	24.93925	24.80225	24.89393	25.15437	35.30988
3726905.45	22.33643	23.67135	25.57230	27.91078	26.45996	25.27960	24.45910	23.91001	23.47113
3726895.45	23.09996	23.83757	24.87727	26.35258	28.23693	26.37403	24.56959	23.30788	22.34914
3726885.45	24.44893	24.48689	24.67707	25.11579	25.74404	36.41659	34.16895	32.23665	30.19821
3726875.45	26.78989	25.86929	25.09408	24.60389	24.32643	24.14321	32.07905	29.54742	36.39707
3726865.45	26.54572	18.05559	26.18940	24.70245	23.64326	22.85120	30.68071	37.31493	33.00545
3726855.45	25.27103	26.31219	37.41924	25.22919	23.41416	32.21667	38.15267	33.70179	30.19930
3726845.45	24.67997	24.71501	24.84269	33.36567	30.93712	28.86056	34.43283	30.77837	27.85038
3726835.45	24.72410	23.91966	23.33868	31.96138	28.92881	35.24918	31.38738	28.34181	25.85242
3726825.45	25.27412	23.65692	22.49387	30.70390	36.03681	32.02518	28.84425	26.26679	24.12415
3726815.45	34.55846	32.40296	30.41120	36.84311	32.65523	29.35878	26.68591	24.47590	22.61355
3726805.45	33.05094	30.05492	37.77612	33.33949	29.88734	27.11739	24.83096	22.91415	21.27981
3726795.45	31.87965	28.43525	34.03583	30.43602	27.55816	25.19662	23.21891	21.53931	20.09380
3726785.45	39.42218	34.68005	30.97223	27.99903	25.56388	23.52951	21.80179	20.31932	19.03158
3726775.45	35.37653	31.51034	28.44132	25.93217	23.83944	22.06825	20.54646	19.22848	18.07453

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	28.37610	31.51309	35.50015	29.04624	32.33210	23.34453	24.05718	25.08098	26.54269
3727055.45	30.88826	34.66839	28.84455	30.98410	33.64555	24.70055	24.68667	24.84490	25.25611
3727045.45	33.93219	38.53274	32.12999	23.55242	35.75911	27.04516	26.03152	25.21426	24.69643
3727035.45	37.71888	30.99743	22.79358	23.71202	24.99357	26.81793	28.33314	26.22307	24.74128
3727025.45	29.57284	32.35297	23.98602	24.26576	24.72805	25.48204	26.49721	37.29915	25.17796
3727015.45	32.14058	34.22510	26.02935	25.47512	25.03792	24.84873	24.86366	24.96094	33.13572
3727005.45	23.31766	24.81693	26.97977	27.63950	26.01473	24.85131	24.04116	23.44790	31.63421
3726995.45	23.82006	24.55755	25.63985	27.08964	27.66144	25.35185	23.74972	22.59278	40.41340
3726985.45	24.89431	24.81206	24.94236	25.29017	25.73440	34.44574	32.26981	30.25796	36.24750
3726975.45	26.86090	25.72272	24.89556	24.35643	23.99821	32.90740	29.96700	37.12314	32.90185
3726965.45	27.62733	27.39391	25.41974	24.03896	23.03923	31.71647	38.00167	33.58900	30.14210
3726955.45	25.69053	26.54848	35.76540	33.93256	32.01756	38.86395	34.28364	30.70027	27.82291
3726945.45	24.63919	24.56640	34.12896	31.24992	29.02942	35.05500	31.29254	28.29792	25.84665
3726935.45	24.27163	23.47985	33.08830	29.55226	35.89087	31.93269	28.80385	26.26031	24.14519
3726925.45	24.36853	22.92437	41.99213	36.69509	32.58355	29.32885	26.68864	24.50374	22.65984
3726915.45	32.65837	30.51633	37.58066	33.25205	29.86549	27.13118	24.87128	22.97118	21.34840
3726905.45	30.79845	28.25526	34.00483	30.44167	27.58772	25.25001	23.29104	21.62301	20.18381
3726895.45	39.53789	34.75550	31.04120	28.07457	25.64879	23.62048	21.90299	20.42669	19.14114
3726885.45	35.52191	31.65141	28.57343	26.05466	23.96514	22.19479	20.67437	19.35722	18.20158
3726875.45	32.30706	29.08250	26.47835	24.31832	22.49187	20.93159	19.57786	18.39536	17.35167
3726865.45	29.63571	26.91993	24.67883	22.79889	21.19105	19.80487	18.59168	17.52482	16.57635
3726855.45	27.37702	25.06224	23.11629	21.46120	20.03445	18.79375	17.70009	16.73191	15.86667
3726845.45	25.44857	23.44218	21.73797	20.27230	19.00023	17.88098	16.88960	16.00682	15.21364
3726835.45	23.77900	22.02407	20.51805	19.21086	18.06494	17.05174	16.14883	15.34071	14.61230
3726825.45	22.31605	20.76807	19.42744	18.25426	17.21853	16.29690	15.47090	14.72787	14.05508
3726815.45	21.02220	19.64689	18.44594	17.38728	16.44646	15.60443	14.84587	14.16033	13.53700
3726805.45	19.86930	18.63954	17.55758	16.59736	15.73896	14.96656	14.26748	13.63296	13.05387
3726795.45	18.83502	17.72906	16.74917	15.87424	15.08786	14.37678	13.73040	13.14144	12.60209
3726785.45	17.90165	16.90165	16.01002	15.20945	14.48635	13.82957	13.23012	12.68203	12.17854
3726775.45	17.05455	16.14604	15.33125	14.59592	13.92871	13.32022	12.76283	12.25261	11.78050

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	18.22328	26.34738	24.56641	23.32455	22.38209	39.25334	34.56014	30.90830	27.98179
3727055.45	25.87929	36.28254	34.07470	32.15750	40.12665	35.27743	31.48209	28.45510	25.97879
3727045.45	24.41968	24.22741	31.89727	29.44081	36.07209	32.09883	28.94549	26.38447	24.25358
3727035.45	23.69129	22.90601	30.42854	36.90088	32.74057	29.46232	26.80671	24.60731	22.75211
3727025.45	23.40732	32.02401	37.66112	33.37540	29.98380	27.24042	24.97117	23.06170	21.43144
3727015.45	30.77271	38.56073	34.04085	30.51285	27.67933	25.34081	23.37784	21.70380	20.25720
3727005.45	28.73885	34.77291	31.07765	28.13137	25.71778	23.69923	21.97976	20.49975	19.21084
3726995.45	35.49620	31.66542	28.60548	26.10758	24.02653	22.26282	20.74485	19.42589	18.26815
3726985.45	32.24862	29.08851	26.51049	24.36694	22.55102	20.99632	19.64561	18.46190	17.41723
3726975.45	29.59690	26.92776	24.71237	22.84795	21.25119	19.87020	18.65960	17.59262	16.64188
3726965.45	27.36204	25.07578	23.15240	21.51429	20.09883	18.86157	17.76993	16.80156	15.93362
3726955.45	25.45465	23.47128	21.78622	20.33198	19.06669	17.95252	16.96298	16.07968	15.28495
3726945.45	23.80347	22.06736	20.57467	19.27666	18.13819	17.12904	16.22728	15.41788	14.68610
3726935.45	22.35682	20.82376	19.49332	18.32722	17.29770	16.37888	15.55422	14.80826	14.13201
3726925.45	21.08237	19.71763	18.52377	17.46986	16.53212	15.69169	14.93362	14.24593	13.61885
3726915.45	19.94702	18.72390	17.64629	16.68981	15.83289	15.06091	14.36139	13.72416	13.14095
3726905.45	18.92994	17.82801	16.84999	15.97585	15.19023	14.47845	13.83075	13.23849	12.69458
3726895.45	18.01343	17.01385	16.12250	15.32109	14.59717	13.93866	13.33707	12.78509	12.27655
3726885.45	17.18109	16.27141	15.45443	14.71724	14.04790	13.43673	12.87643	12.36065	11.88407
3726875.45	16.42192	15.58988	14.83931	14.15828	13.53747	12.96862	12.44541	11.96232	11.51473
3726865.45	15.72754	14.96307	14.27027	13.63911	13.06138	12.53082	12.04106	11.58761	11.16640
3726855.45	15.08772	14.38280	13.74153	13.15516	12.61664	12.12030	11.66085	11.23435	10.83722
3726845.45	14.49752	13.84530	13.24970	12.70323	12.19977	11.73443	11.30253	10.90062	10.52555
3726835.45	13.94948	13.34431	12.79034	12.27980	11.80810	11.37092	10.96414	10.58474	10.22994
3726825.45	13.44046	12.87734	12.36017	11.88213	11.43924	11.02774	10.64395	10.28522	9.94909
3726815.45	12.96553	12.44021	11.95631	11.50776	11.09114	10.70314	10.34043	10.00074	9.68184
3726805.45	12.52117	12.02999	11.57627	11.15459	10.76199	10.39553	10.05223	9.73010	9.42716
3726795.45	12.10437	11.64412	11.21789	10.82075	10.45017	10.10354	9.77814	9.47227	9.18413
3726785.45	11.71249	11.28037	10.87926	10.50460	10.15426	9.82592	9.51708	9.22628	8.95191
3726775.45	11.34323	10.93678	10.55867	10.20467	9.87299	9.56156	9.26808	8.99128	8.72974

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	25.58501	23.57756	21.87249	20.40316	19.12509	18.00253	17.00627	16.11555
3727055.45	23.91249	22.15740	20.65064	19.34036	18.19160	17.17564	16.26838	15.45272
3727045.45	22.45162	20.90388	19.56220	18.38585	17.34731	16.42308	15.59302	14.84418
3727035.45	21.16503	19.78874	18.58595	17.52362	16.57971	15.73490	14.97225	14.28113
3727025.45	20.02235	18.79004	17.70509	16.74046	15.87841	15.10287	14.39945	13.75936
3727015.45	18.99830	17.88988	16.90583	16.02564	15.23487	14.52009	13.86901	13.27429
3727005.45	18.07814	17.07396	16.17696	15.37022	14.64194	13.98079	13.37618	12.82199
3726995.45	17.24318	16.32886	15.50750	14.76531	14.09360	13.48003	12.91692	12.39910
3726985.45	16.48492	15.64851	14.89330	14.20771	13.58477	13.01362	12.48773	12.00269
3726975.45	15.78993	15.02305	14.32606	13.69060	13.11111	12.57798	12.08560	11.63021
3726965.45	15.15304	14.44448	13.80031	13.20951	12.66891	12.17000	11.70791	11.27944
3726955.45	14.56445	13.90993	13.31142	12.76059	12.25497	11.78696	11.35238	10.94843
3726945.45	14.02086	13.41312	12.85429	12.34054	11.86650	11.42653	11.01698	10.63546
3726935.45	13.51478	12.94889	12.42792	11.94650	11.50109	11.08663	10.69996	10.33900
3726925.45	13.04442	12.51603	12.02810	11.57598	11.15660	10.76545	10.39975	10.05770
3726915.45	12.60491	12.11030	11.65230	11.22680	10.83119	10.46139	10.11496	9.79035
3726905.45	12.19310	11.72907	11.29826	10.89706	10.52320	10.17302	9.84436	9.53588
3726895.45	11.80632	11.37005	10.96402	10.58506	10.23118	9.89907	9.58684	9.29330
3726885.45	11.44221	11.03123	10.64787	10.28931	9.95383	9.63842	9.34140	9.06175
3726875.45	11.09869	10.71084	10.34827	10.00849	9.69000	9.39006	9.10717	8.84045
3726865.45	10.77395	10.40730	10.06387	9.74142	9.43865	9.15308	8.88333	8.62868
3726855.45	10.46640	10.11925	9.79346	9.48704	9.19886	8.92665	8.66916	8.42580
3726845.45	10.17461	9.84543	9.53596	9.24440	8.96980	8.71005	8.46401	8.23121
3726835.45	9.89731	9.58474	9.29040	9.01266	8.75071	8.50259	8.26726	8.04438
3726825.45	9.63337	9.33620	9.05591	8.79103	8.54090	8.30366	8.07839	7.86482
3726815.45	9.38179	9.09892	8.83171	8.57884	8.33976	8.11272	7.89689	7.69209
3726805.45	9.14166	8.87209	8.61708	8.37544	8.14671	7.92926	7.72231	7.52577
3726795.45	8.91216	8.65499	8.41139	8.18025	7.96125	7.75281	7.55422	7.36549
3726785.45	8.69255	8.44697	8.21404	7.99277	7.78290	7.58295	7.39225	7.21089
3726775.45	8.48217	8.24743	8.02451	7.81249	7.61124	7.41929	7.23673	7.06167

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

*** 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
418554.30	3726952.94	21.71961	418588.83	3726936.99	16.23880
418621.06	3726898.60	12.15508	418540.35	3726921.02	19.96882
418517.77	3726916.44	22.79331	418553.95	3726903.64	16.89609
418569.20	3726897.12	15.17955	418595.63	3726869.12	12.20149
418474.33	3726881.10	25.61821	418522.17	3726860.74	16.56509
418450.23	3726839.32	23.56877	418483.59	3726835.57	18.33230
418436.23	3726824.73	23.95281	418425.80	3726805.10	22.88768
418595.95	3726915.31	14.35302	418426.14	3726814.62	24.29818
418536.67	3726953.06	24.88758	418556.00	3726851.05	13.51741
418418.06	3726821.00	27.29235	418550.08	3726960.90	23.53452
418422.83	3726819.47	25.84839			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94	418405.94	418415.94	418425.94	418435.94
3727065.45	231.05056	232.55550	234.13810	234.62544	234.96470	235.52853	235.37632	235.05560	235.45613
3727055.45	171.57893	174.22629	215.59533	223.26076	181.23556	221.26846	224.91772	279.72745	229.08958
3727045.45	182.05494	185.41205	240.87256	191.41072	193.60693	247.52001	203.28983	204.89932	256.67804
3727035.45	189.64948	194.06036	165.90364	200.79605	204.37013	222.11357	214.88639	218.09230	234.19538
3727025.45	192.77877	198.18048	215.32238	205.91951	211.46071	185.23373	222.70641	228.88680	206.07268
3727015.45	191.77918	197.71014	252.51082	206.96587	214.25431	274.00267	226.78767	236.30938	247.42589
3727005.45	231.64983	234.13417	236.60850	205.68769	255.18304	261.02670	228.92519	230.73542	273.01391
3726995.45	245.53407	251.61758	258.89113	266.97626	276.99250	289.05076	292.48208	261.50597	261.85700
3726985.45	223.75086	230.27849	237.68950	246.32138	256.41571	268.58272	269.66161	282.03581	285.78668
3726975.45	211.25414	218.34473	226.39594	235.77862	246.81263	249.18577	248.91277	260.52281	284.56861
3726965.45	204.46001	212.29625	221.30848	231.86104	232.47130	233.47827	243.43371	255.05401	268.90428
3726955.45	201.59549	210.37487	220.58620	221.19384	231.42093	233.16263	243.55681	255.77376	270.55252
3726945.45	201.75714	211.73163	223.44624	223.75928	234.48143	246.70496	248.63850	261.95417	278.66905
3726935.45	204.52373	216.05010	217.63920	217.15072	228.32368	241.62069	257.78973	273.69200	293.56654
3726925.45	209.78711	210.11590	222.17945	222.71668	234.81821	249.30490	267.09892	289.62731	316.65784
3726915.45	205.58040	216.49314	229.00342	231.40903	244.80921	261.26213	282.15530	309.91223	358.70204
3726905.45	202.82055	214.25709	227.81376	243.91864	258.99647	278.41024	304.45414	341.52025	398.91639
3726895.45	210.10147	222.56158	237.34644	255.39191	277.72612	302.31927	336.94420	391.23579	487.67168
3726885.45	219.85229	233.69259	250.39230	271.26066	298.02534	344.28425	395.10349	484.90005	479.71283
3726875.45	232.80857	248.42676	267.93939	293.43005	328.04648	379.07373	472.86171	473.46664	413.47330
3726865.45	245.91118	257.67624	291.48655	324.44012	373.03347	453.67696	469.45832	417.93827	434.05622
3726855.45	261.52303	288.07754	332.98250	369.27367	445.14516	466.97277	422.50066	439.35111	486.68653
3726845.45	282.65420	316.04551	363.23367	446.40853	461.76174	417.33751	444.34254	502.38446	499.19992
3726835.45	311.44071	356.61008	427.31168	458.41066	421.26456	449.80386	437.57644	522.73368	476.89960
3726825.45	351.77173	418.74810	443.25690	425.98215	454.50677	452.13905	548.11346	505.90582	498.93451
3726815.45	420.24955	446.70457	426.90172	457.63350	465.81527	574.00757	537.82043	543.01887	448.98471
3726805.45	517.40714	425.84752	458.19906	477.43900	598.08645	492.18930	466.61424	386.30479	377.39600
3726795.45	424.85461	445.88559	484.97999	618.35154	496.72306	404.28800	393.91798	394.70729	372.15818
3726785.45	451.67499	489.11425	629.84610	513.09174	486.30472	396.26526	378.23934	387.61162	366.64503
3726775.45	570.51186	638.22187	509.97960	410.22516	390.69467	325.34096	370.37274	356.10815	416.99121

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418445.94	418455.94	418465.94	418475.94	418485.94	418495.94	418505.94	418515.94	418525.94
3727065.45	236.30315	237.75006	240.41215	232.74081	235.02220	225.55307	226.67253	229.35095	234.24670
3727055.45	231.52171	276.63754	267.60170	266.33356	265.53280	254.13783	252.90632	253.50312	256.92627
3727045.45	261.56780	221.62055	257.22087	246.49983	264.09226	295.76107	290.17574	286.70188	287.64534
3727035.45	234.69141	226.79793	227.29733	230.27108	229.62793	281.58985	279.37746	284.64832	331.12432
3727025.45	235.03407	239.59236	246.21703	243.53561	244.16007	255.87143	264.13465	277.02185	279.79096
3727015.45	242.18813	250.18029	216.78803	254.49794	259.09800	277.69954	278.01785	283.93245	313.77177
3727005.45	235.42927	246.42094	264.62155	264.41082	274.08638	295.64506	292.73478	304.16868	341.54399
3726995.45	280.01637	287.29444	300.51984	271.92209	289.70729	304.99382	313.93368	333.45022	374.33479
3726985.45	298.67689	314.32208	333.39046	357.04367	335.01372	374.85164	361.91867	446.49799	415.23853
3726975.45	287.65521	302.68778	321.71535	346.55518	380.27379	438.50908	515.52634	428.46700	358.70600
3726965.45	285.70781	303.93963	325.54791	356.10501	402.14238	490.48070	492.59153	405.63209	390.24250
3726955.45	288.88914	312.43612	352.25798	395.43192	468.74379	481.00767	411.69316	412.00077	448.28525
3726945.45	300.36539	329.96981	382.66330	450.85579	458.73268	409.24371	410.92644	454.62757	444.43875
3726935.45	321.14402	361.94926	438.80592	449.37326	407.31077	407.90737	459.20756	450.30464	392.68183
3726925.45	354.52052	416.74058	453.31864	406.89727	405.76134	464.19038	458.61595	395.91767	361.74688
3726915.45	416.64008	434.43719	407.65131	404.91551	470.36679	469.09905	401.89466	365.17955	343.65539
3726905.45	428.34480	399.20018	405.74674	478.54304	481.85319	410.01747	371.32356	348.64775	335.01614
3726895.45	411.81223	407.28850	487.41924	497.02311	420.10909	379.51463	356.20474	342.39484	334.46762
3726885.45	409.92730	497.77531	514.12661	431.73153	389.57089	365.91775	352.34320	345.12904	342.05907
3726875.45	509.38002	533.02023	445.16744	401.32646	377.49406	364.70193	358.64980	357.30114	359.30984
3726865.45	472.38202	460.59920	415.02111	391.39599	379.52900	375.24928	376.23194	381.34459	389.60833
3726855.45	478.39654	431.67986	408.52136	398.11233	395.90326	399.93835	409.13317	422.97755	440.88410
3726845.45	451.92209	430.55169	422.84321	423.79511	431.83288	446.06025	467.41648	495.77777	453.02354
3726835.45	459.72495	457.81165	465.77231	479.81303	418.18174	441.24489	460.58213	483.92030	432.63900
3726825.45	428.03162	437.08102	431.86317	368.04466	382.99812	395.14225	408.92946	460.94092	484.35029
3726815.45	453.92032	368.71891	387.56724	379.39236	389.53555	415.56192	421.70253	482.80515	538.81982
3726805.45	398.59221	372.11792	382.58952	384.52667	384.14167	419.97726	422.36363	477.19684	414.65847
3726795.45	382.56220	370.69193	366.11428	375.99292	369.99501	452.94074	481.94306	520.98522	682.17691
3726785.45	356.93724	426.27863	345.88999	401.68804	472.10844	472.42649	486.41725	523.95067	605.15379
3726775.45	479.99758	441.39578	418.19235	406.53579	403.89249	411.00686	430.65582	470.30889	545.20281

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418535.94	418545.94	418555.94	418565.94	418575.94	418585.94	418595.94	418605.94	418615.94
3727065.45	231.96884	249.82509	263.46722	287.21462	329.21398	353.72923	314.86629	334.56854	293.74590
3727055.45	264.33794	287.05110	306.06380	341.79273	423.35180	322.91222	274.70430	307.36076	385.38937
3727045.45	294.75168	310.67205	349.62113	410.17318	333.98564	288.13842	323.44356	344.52710	328.00377
3727035.45	337.36329	358.56227	417.04492	349.80921	305.51646	343.00770	369.46719	351.73331	297.24532
3727025.45	337.80602	394.50036	374.39771	394.27349	368.09123	400.58381	381.15266	319.92343	280.86640
3727015.45	391.20119	365.17460	373.75265	360.63893	441.78928	419.69049	349.57225	305.33232	273.90968
3727005.45	375.02783	351.06189	306.97539	352.89257	427.52862	392.69578	340.07479	302.84538	274.65419
3726995.45	382.28023	334.72769	350.66697	402.24261	340.59579	343.08584	305.42894	311.69062	282.83306
3726985.45	384.85576	381.23248	378.26745	342.35307	314.82151	338.01072	310.14990	290.23967	300.02414
3726975.45	416.68989	413.74194	338.79119	318.06021	306.99126	296.16281	272.01666	256.87259	278.39068
3726965.45	454.79690	393.43090	322.11459	309.43698	266.48586	286.81006	272.24734	264.48934	292.89521
3726955.45	443.46069	370.36345	312.45292	345.52950	294.74061	282.41323	277.45130	280.26991	261.93313
3726945.45	394.93828	374.70507	373.18268	329.24626	287.06590	282.98895	287.52784	279.31501	266.54424
3726935.45	362.91357	349.11498	346.44349	353.03530	323.88490	324.21694	287.33948	279.31323	276.16225
3726925.45	342.68486	333.25265	330.99160	334.96908	345.56587	316.56007	286.67945	286.52157	292.06551
3726915.45	331.24052	325.09742	323.86735	327.10915	334.80391	347.76839	367.60156	337.27507	346.93700
3726905.45	327.32822	324.04529	324.23863	327.69418	334.64211	345.53175	361.71583	385.60319	364.02040
3726895.45	330.74554	330.10327	332.20901	336.85303	344.47105	355.64207	371.79510	395.30228	430.36531
3726885.45	342.12283	344.58532	349.12340	356.03182	365.82450	379.54427	399.31398	428.96235	399.43155
3726875.45	363.69369	370.12385	378.45190	389.17085	403.45020	423.09935	452.21503	342.08404	425.96353
3726865.45	400.27859	412.80758	427.38172	445.12769	469.02187	423.76350	428.07818	357.66052	352.84459
3726855.45	462.13558	485.68114	433.26106	379.78599	453.39925	378.62088	372.42581	385.51985	352.73181
3726845.45	470.27822	419.81464	507.49024	422.87254	413.46013	414.90576	382.49378	379.47746	356.46816
3726835.45	558.01503	492.66659	501.55082	486.74730	445.01932	437.10632	394.09399	368.36970	409.13305
3726825.45	405.08351	407.85746	405.17171	422.03413	489.71317	442.44740	466.68119	507.47265	449.68303
3726815.45	420.31232	446.04127	441.77159	503.66581	614.62520	594.92716	515.71566	456.36221	410.48382
3726805.45	450.92862	406.83966	486.34793	464.88408	708.49834	575.40177	494.16719	437.41616	394.36795
3726795.45	447.16484	449.72955	454.17578	452.19558	569.51954	590.66087	498.64509	437.22733	392.27023
3726785.45	564.36779	446.79001	490.10008	493.55579	593.68234	632.29829	522.70252	451.62689	401.20169
3726775.45	498.97851	430.35358	444.58083	446.92069	442.22189	537.51885	568.53030	481.53408	421.46147

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418625.94	418635.94	418645.94	418655.94	418665.94	418675.94	418685.94	418695.94
3727065.45	359.93408	290.69401	249.79576	222.10677	201.77239	185.92066	173.00370	162.16519
3727055.45	308.07334	263.19021	233.38893	211.61801	194.75549	181.09948	169.64951	159.82583
3727045.45	278.83719	246.42571	223.04802	204.97138	190.38970	178.22062	167.78073	158.66862
3727035.45	261.95094	236.53099	217.03701	201.30473	188.20801	177.01617	167.23640	158.57472
3727025.45	253.01361	231.62139	214.45735	200.15374	187.95752	177.34226	167.93358	159.50557
3727015.45	249.99221	230.81166	214.88535	201.30981	189.53460	179.15008	169.85236	161.45609
3727005.45	252.25284	233.81021	218.22163	204.75651	192.95876	182.47383	173.03014	164.46246
3726995.45	259.79218	240.75887	224.60756	210.62446	198.37241	187.43209	177.56493	168.60404
3726985.45	273.68590	252.40055	234.60440	219.34840	206.06067	194.24606	183.62644	174.01177
3726975.45	296.36729	270.14707	249.11954	231.56528	216.50733	203.27208	191.48023	180.88207
3726965.45	276.89321	296.68216	269.99321	248.45265	230.51078	215.07264	201.52465	189.50278
3726955.45	247.97147	278.99538	256.59756	272.16078	249.43341	230.54251	214.37284	200.29384
3726945.45	259.89624	297.28340	279.20984	306.30611	275.76801	251.22793	230.98930	213.88186
3726935.45	279.12113	271.47654	254.33127	242.39141	262.83214	279.96630	253.00747	231.24882
3726925.45	296.57370	282.37607	272.34481	264.81066	288.28497	269.38459	283.25635	254.14844
3726915.45	307.95186	305.46996	303.12518	297.60587	267.27545	245.89844	267.51129	242.23201
3726905.45	339.52422	353.06881	282.88515	324.61098	289.66133	266.23583	288.90080	265.77115
3726895.45	349.57181	342.09338	289.25657	268.69700	322.58336	293.34917	260.10102	234.94315
3726885.45	337.90398	295.88379	310.54082	282.85639	270.71751	301.84642	264.47536	244.27444
3726875.45	344.68891	332.40290	333.11609	335.12535	314.98604	298.28764	267.99819	255.59568
3726865.45	291.63619	333.10436	318.15388	376.62929	373.70880	291.19074	270.08173	261.56303
3726855.45	343.41701	401.99114	378.78929	411.86754	377.69211	317.18287	301.75511	248.68899
3726845.45	329.90923	372.40719	408.85704	365.84331	341.33263	331.66847	286.48894	240.82355
3726835.45	382.41580	403.83445	363.36246	334.32220	315.24389	305.07010	303.47768	311.83496
3726825.45	402.27221	364.87297	335.47598	312.93759	296.67429	286.30962	281.81700	283.89135
3726815.45	373.40912	343.14924	318.56045	298.92964	283.86114	273.11932	266.68102	264.88284
3726805.45	360.12207	332.21150	309.28666	290.57417	275.63755	264.21573	256.21479	251.79830
3726795.45	357.30266	329.11002	305.96222	286.87540	271.28212	258.83567	249.35640	242.89055
3726785.45	362.97895	332.61890	307.83847	287.35242	270.41091	256.54507	245.48057	237.16842
3726775.45	377.12894	342.66530	314.85567	291.94671	272.92472	257.15694	244.30340	234.06764

**MODELOPTs: RegDFAULT CONC ELEV

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

*** 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
418554.30	3726952.94	351.72714	418588.83	3726936.99	326.83970
418621.06	3726898.60	446.71911	418540.35	3726921.02	332.31752
418517.77	3726916.44	362.40354	418553.95	3726903.64	324.74049
418569.20	3726897.12	336.76132	418595.63	3726869.12	410.24538
418474.33	3726881.10	422.82234	418522.17	3726860.74	405.45480
418450.23	3726839.32	446.97930	418483.59	3726835.57	416.47172
418436.23	3726824.73	502.72941	418425.80	3726805.10	386.61174
418595.95	3726915.31	367.42494	418426.14	3726814.62	391.52744
418536.67	3726953.06	426.70211	418556.00	3726851.05	462.23358
418418.06	3726821.00	527.84845	418550.08	3726960.90	330.43827
418422.83	3726819.47	521.29477			

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	2.38034m(07011824)	2.38995m(07011824)	2.39828m(07011824)	2.40531m(07011824)	2.41104m(07011824)
3727055.4	2.34922m(07011824)	2.35722m(07011824)	2.36399m(07011824)	2.36952m(07011824)	2.37377m(07011824)
3727045.4	2.31735m(07011824)	2.32385m(07011824)	2.32913m(07011824)	2.33323m(07011824)	2.33614m(07011824)
3727035.4	2.28483m(07011824)	2.28991m(07011824)	2.29383m(07011824)	2.29657m(07011824)	2.29820m(07011824)
3727025.4	2.25176m(07011824)	2.25551m(07011824)	2.25814m(07011824)	2.25967m(07011824)	2.26014m(07011824)
3727015.4	2.21827m(07011824)	2.22077m(07011824)	2.22221m(07011824)	2.22258m(07011824)	2.22198m(07011824)
3727005.4	2.18444m(07011824)	2.18579m(07011824)	2.18610m(07011824)	2.18546m(07011824)	2.18711 (06010624)
3726995.4	2.15035m(07011824)	2.15063m(07011824)	2.14994m(07011824)	2.14914 (06010624)	2.16703 (06010624)
3726985.4	2.11609m(07011824)	2.11538m(07011824)	2.11380m(07011824)	2.12963 (06010624)	2.14719 (06010624)
3726975.4	2.08176m(07011824)	2.08016m(07011824)	2.09332 (06010624)	2.11036 (06010624)	2.12752 (06010624)
3726965.4	2.04743m(07011824)	2.05796 (06010624)	2.07455 (06010624)	2.09125 (06010624)	2.10810 (06010624)
3726955.4	2.02361 (06010624)	2.03975 (06010624)	2.05601 (06010624)	2.07237 (06010624)	2.08884 (06010624)
3726945.4	2.00590 (06010624)	2.02173 (06010624)	2.03766 (06010624)	2.05369 (06010624)	2.06983 (06010624)
3726935.4	1.98836 (06010624)	2.00388 (06010624)	2.01946 (06010624)	2.03518 (06010624)	2.05099 (06010624)
3726925.4	1.97098 (06010624)	1.98619 (06010624)	2.00149 (06010624)	2.01686 (06010624)	2.03235 (06010624)
3726915.4	1.95376 (06010624)	1.96867 (06010624)	1.98368 (06010624)	1.99873 (06010624)	2.01391 (06010624)
3726905.4	1.93672 (06010624)	1.95134 (06010624)	1.96605 (06010624)	1.98081 (06010624)	1.99568 (06010624)
3726895.4	1.91986 (06010624)	1.93419 (06010624)	1.94861 (06010624)	1.96307 (06010624)	1.97764 (06010624)
3726885.4	1.90317 (06010624)	1.91722 (06010624)	1.93135 (06010624)	1.94553 (06010624)	1.95980 (06010624)
3726875.4	1.88665 (06010624)	1.90043 (06010624)	1.91428 (06010624)	1.92818 (06010624)	1.94217 (06010624)
3726865.4	1.87031 (06010624)	1.88382 (06010624)	1.89740 (06010624)	1.91101 (06010624)	1.92472 (06010624)
3726855.4	1.85414 (06010624)	1.86738 (06010624)	1.88069 (06010624)	1.89404 (06010624)	1.90748 (06010624)
3726845.4	1.83813 (06010624)	1.85112 (06010624)	1.86417 (06010624)	1.87725 (06010624)	1.89042 (06010624)
3726835.4	1.82230 (06010624)	1.83503 (06010624)	1.84783 (06010624)	1.86065 (06010624)	1.87356 (06010624)
3726825.4	1.80663 (06010624)	1.81912 (06010624)	1.83166 (06010624)	1.84424 (06010624)	1.85689 (06010624)
3726815.4	1.79113 (06010624)	1.80338 (06010624)	1.81568 (06010624)	1.82800 (06010624)	1.84040 (06010624)
3726805.4	1.77579 (06010624)	1.78780 (06010624)	1.79987 (06010624)	1.81195 (06010624)	1.82411 (06010624)
3726795.4	1.76062 (06010624)	1.77240 (06010624)	1.78423 (06010624)	1.79608 (06010624)	1.80799 (06010624)
3726785.4	1.74561 (06010624)	1.75716 (06010624)	1.76877 (06010624)	1.78038 (06010624)	1.79206 (06010624)
3726775.4	1.73076 (06010624)	1.74210 (06010624)	1.75347 (06010624)	1.76486 (06010624)	1.77632 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	2.41552m(07011824)	2.41869m(07011824)	2.42067m(07011824)	2.42139m(07011824)	2.42094m(07011824)
3727055.4	2.37683m(07011824)	2.37865m(07011824)	2.37934m(07011824)	2.37885m(07011824)	2.39446 (06010624)
3727045.4	2.33785m(07011824)	2.33846m(07011824)	2.33797m(07011824)	2.35053 (06010624)	2.37117 (06010624)
3727035.4	2.29874m(07011824)	2.29822m(07011824)	2.30789 (06010624)	2.32794 (06010624)	2.34814 (06010624)
3727025.4	2.25958m(07011824)	2.26646 (06010624)	2.28598 (06010624)	2.30560 (06010624)	2.32537 (06010624)
3727015.4	2.22619 (06010624)	2.24515 (06010624)	2.26426 (06010624)	2.28346 (06010624)	2.30280 (06010624)
3727005.4	2.20555 (06010624)	2.22408 (06010624)	2.24278 (06010624)	2.26157 (06010624)	2.28049 (06010624)
3726995.4	2.18508 (06010624)	2.20326 (06010624)	2.22153 (06010624)	2.23992 (06010624)	2.25844 (06010624)
3726985.4	2.16483 (06010624)	2.18264 (06010624)	2.20052 (06010624)	2.21852 (06010624)	2.23663 (06010624)
3726975.4	2.14484 (06010624)	2.16223 (06010624)	2.17974 (06010624)	2.19736 (06010624)	2.21508 (06010624)
3726965.4	2.12502 (06010624)	2.14206 (06010624)	2.15919 (06010624)	2.17644 (06010624)	2.19378 (06010624)
3726955.4	2.10542 (06010624)	2.12210 (06010624)	2.13888 (06010624)	2.15576 (06010624)	2.17273 (06010624)
3726945.4	2.08603 (06010624)	2.10237 (06010624)	2.11880 (06010624)	2.13532 (06010624)	2.15193 (06010624)
3726935.4	2.06689 (06010624)	2.08289 (06010624)	2.09894 (06010624)	2.11511 (06010624)	2.13137 (06010624)
3726925.4	2.04793 (06010624)	2.06359 (06010624)	2.07931 (06010624)	2.09514 (06010624)	2.11106 (06010624)
3726915.4	2.02917 (06010624)	2.04452 (06010624)	2.05990 (06010624)	2.07540 (06010624)	2.09098 (06010624)
3726905.4	2.01063 (06010624)	2.02565 (06010624)	2.04072 (06010624)	2.05590 (06010624)	2.07115 (06010624)
3726895.4	1.99229 (06010624)	2.00701 (06010624)	2.02176 (06010624)	2.03662 (06010624)	2.05158 (06010624)
3726885.4	1.97415 (06010624)	1.98857 (06010624)	2.00302 (06010624)	2.01757 (06010624)	2.03222 (06010624)
3726875.4	1.95623 (06010624)	1.97035 (06010624)	1.98450 (06010624)	1.99878 (06010624)	2.01309 (06010624)
3726865.4	1.93850 (06010624)	1.95234 (06010624)	1.96620 (06010624)	1.98018 (06010624)	1.99419 (06010624)
3726855.4	1.92097 (06010624)	1.93453 (06010624)	1.94811 (06010624)	1.96180 (06010624)	1.97555 (06010624)
3726845.4	1.90365 (06010624)	1.91693 (06010624)	1.93023 (06010624)	1.94364 (06010624)	1.95710 (06010624)
3726835.4	1.88652 (06010624)	1.89953 (06010624)	1.91256 (06010624)	1.92570 (06010624)	1.93888 (06010624)
3726825.4	1.86959 (06010624)	1.88231 (06010624)	1.89510 (06010624)	1.90797 (06010624)	1.92088 (06010624)
3726815.4	1.85285 (06010624)	1.86531 (06010624)	1.87784 (06010624)	1.89045 (06010624)	1.90310 (06010624)
3726805.4	1.83630 (06010624)	1.84852 (06010624)	1.86080 (06010624)	1.87314 (06010624)	1.88553 (06010624)
3726795.4	1.81995 (06010624)	1.83192 (06010624)	1.84395 (06010624)	1.85604 (06010624)	1.86818 (06010624)
3726785.4	1.80378 (06010624)	1.81551 (06010624)	1.82730 (06010624)	1.83915 (06010624)	1.85103 (06010624)
3726775.4	1.78780 (06010624)	1.79930 (06010624)	1.81085 (06010624)	1.82246 (06010624)	1.83410 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	2.43981 (06010624)	2.46172 (06010624)	2.48381 (06010624)	2.50606 (06010624)	2.52853 (06010624)
3727055.4	2.41573 (06010624)	2.43716 (06010624)	2.45880 (06010624)	2.48055 (06010624)	2.50245 (06010624)
3727045.4	2.39198 (06010624)	2.41293 (06010624)	2.43404 (06010624)	2.45529 (06010624)	2.47669 (06010624)
3727035.4	2.36849 (06010624)	2.38898 (06010624)	2.40957 (06010624)	2.43034 (06010624)	2.45125 (06010624)
3727025.4	2.34522 (06010624)	2.36526 (06010624)	2.38544 (06010624)	2.40574 (06010624)	2.42612 (06010624)
3727015.4	2.32227 (06010624)	2.34182 (06010624)	2.36154 (06010624)	2.38139 (06010624)	2.40130 (06010624)
3727005.4	2.29954 (06010624)	2.31865 (06010624)	2.33794 (06010624)	2.35734 (06010624)	2.37680 (06010624)
3726995.4	2.27707 (06010624)	2.29576 (06010624)	2.31462 (06010624)	2.33358 (06010624)	2.35260 (06010624)
3726985.4	2.25481 (06010624)	2.27315 (06010624)	2.29158 (06010624)	2.31012 (06010624)	2.32871 (06010624)
3726975.4	2.23287 (06010624)	2.25080 (06010624)	2.26883 (06010624)	2.28696 (06010624)	2.30512 (06010624)
3726965.4	2.21118 (06010624)	2.22872 (06010624)	2.24636 (06010624)	2.26408 (06010624)	2.28184 (06010624)
3726955.4	2.18976 (06010624)	2.20692 (06010624)	2.22416 (06010624)	2.24149 (06010624)	2.25885 (06010624)
3726945.4	2.16859 (06010624)	2.18537 (06010624)	2.20224 (06010624)	2.21918 (06010624)	2.23615 (06010624)
3726935.4	2.14767 (06010624)	2.16409 (06010624)	2.18059 (06010624)	2.19716 (06010624)	2.21375 (06010624)
3726925.4	2.12705 (06010624)	2.14307 (06010624)	2.15920 (06010624)	2.17541 (06010624)	2.19168 (06010624)
3726915.4	2.10663 (06010624)	2.12235 (06010624)	2.13813 (06010624)	2.15398 (06010624)	2.16989 (06010624)
3726905.4	2.08646 (06010624)	2.10184 (06010624)	2.11728 (06010624)	2.13283 (06010624)	2.14839 (06010624)
3726895.4	2.06657 (06010624)	2.08163 (06010624)	2.09673 (06010624)	2.11190 (06010624)	2.12716 (06010624)
3726885.4	2.04689 (06010624)	2.06162 (06010624)	2.07644 (06010624)	2.09128 (06010624)	2.10616 (06010624)
3726875.4	2.02749 (06010624)	2.04190 (06010624)	2.05637 (06010624)	2.07092 (06010624)	2.08548 (06010624)
3726865.4	2.00828 (06010624)	2.02243 (06010624)	2.03658 (06010624)	2.05082 (06010624)	2.06506 (06010624)
3726855.4	1.98931 (06010624)	2.00316 (06010624)	2.01705 (06010624)	2.03098 (06010624)	2.04491 (06010624)
3726845.4	1.97061 (06010624)	1.98416 (06010624)	1.99776 (06010624)	2.01135 (06010624)	2.02502 (06010624)
3726835.4	1.95211 (06010624)	1.96537 (06010624)	1.97868 (06010624)	1.99201 (06010624)	2.00538 (06010624)
3726825.4	1.93383 (06010624)	1.94682 (06010624)	1.95984 (06010624)	1.97289 (06010624)	1.98597 (06010624)
3726815.4	1.91578 (06010624)	1.92849 (06010624)	1.94124 (06010624)	1.95401 (06010624)	1.96681 (06010624)
3726805.4	1.89795 (06010624)	1.91040 (06010624)	1.92287 (06010624)	1.93538 (06010624)	1.94790 (06010624)
3726795.4	1.88034 (06010624)	1.89253 (06010624)	1.90474 (06010624)	1.91698 (06010624)	1.92924 (06010624)
3726785.4	1.86295 (06010624)	1.87488 (06010624)	1.88684 (06010624)	1.89882 (06010624)	1.91082 (06010624)
3726775.4	1.84577 (06010624)	1.85746 (06010624)	1.86917 (06010624)	1.88090 (06010624)	1.89264 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	2.55110 (06010624)	2.57383 (06010624)	2.59671 (06010624)	2.61966 (06010624)	2.64905 (06012324)
3727055.4	2.52450 (06010624)	2.54669 (06010624)	2.56903 (06010624)	2.59143 (06010624)	2.62145 (06012324)
3727045.4	2.49823 (06010624)	2.51990 (06010624)	2.54171 (06010624)	2.56357 (06010624)	2.59361 (06012324)
3727035.4	2.47229 (06010624)	2.49345 (06010624)	2.51468 (06010624)	2.53608 (06010624)	2.56608 (07010224)
3727025.4	2.44667 (06010624)	2.46734 (06010624)	2.48807 (06010624)	2.50897 (06010624)	2.54361 (07010224)
3727015.4	2.42138 (06010624)	2.44158 (06010624)	2.46188 (06010624)	2.48221 (06010624)	2.52084 (07010224)
3727005.4	2.39642 (06010624)	2.41614 (06010624)	2.43597 (06010624)	2.45589 (06010624)	2.48175 (07010224)
3726995.4	2.37177 (06010624)	2.39104 (06010624)	2.41040 (06010624)	2.42985 (06010624)	2.45829 (07010224)
3726985.4	2.34744 (06010624)	2.36627 (06010624)	2.38518 (06010624)	2.40423 (06010624)	2.42330 (06010624)
3726975.4	2.32343 (06010624)	2.34182 (06010624)	2.36035 (06010624)	2.37890 (06010624)	2.39752 (06010624)
3726965.4	2.29973 (06010624)	2.31775 (06010624)	2.33579 (06010624)	2.35397 (06010624)	2.37215 (06010624)
3726955.4	2.27633 (06010624)	2.29394 (06010624)	2.31157 (06010624)	2.32932 (06010624)	2.34713 (06010624)
3726945.4	2.25324 (06010624)	2.27045 (06010624)	2.28772 (06010624)	2.30501 (06010624)	2.32240 (06010624)
3726935.4	2.23045 (06010624)	2.24727 (06010624)	2.26415 (06010624)	2.28108 (06010624)	2.29807 (06010624)
3726925.4	2.20801 (06010624)	2.22440 (06010624)	2.24089 (06010624)	2.25743 (06010624)	2.27403 (06010624)
3726915.4	2.18586 (06010624)	2.20188 (06010624)	2.21799 (06010624)	2.23416 (06010624)	2.25037 (06010624)
3726905.4	2.16400 (06010624)	2.17966 (06010624)	2.19541 (06010624)	2.21120 (06010624)	2.22699 (06010624)
3726895.4	2.14242 (06010624)	2.15773 (06010624)	2.17313 (06010624)	2.18851 (06010624)	2.20398 (06010624)
3726885.4	2.12113 (06010624)	2.13610 (06010624)	2.15114 (06010624)	2.16618 (06010624)	2.18125 (06010624)
3726875.4	2.10011 (06010624)	2.11475 (06010624)	2.12942 (06010624)	2.14416 (06010624)	2.15888 (06010624)
3726865.4	2.07937 (06010624)	2.09369 (06010624)	2.10803 (06010624)	2.12239 (06010624)	2.13678 (06010624)
3726855.4	2.05891 (06010624)	2.07290 (06010624)	2.08693 (06010624)	2.10097 (06010624)	2.11503 (06010624)
3726845.4	2.03871 (06010624)	2.05240 (06010624)	2.06611 (06010624)	2.07980 (06010624)	2.09355 (06010624)
3726835.4	2.01878 (06010624)	2.03217 (06010624)	2.04554 (06010624)	2.05896 (06010624)	2.07240 (06010624)
3726825.4	1.99908 (06010624)	2.01217 (06010624)	2.02524 (06010624)	2.03837 (06010624)	2.05150 (06010624)
3726815.4	1.97963 (06010624)	1.99244 (06010624)	2.00523 (06010624)	2.01806 (06010624)	2.03090 (06010624)
3726805.4	1.96045 (06010624)	1.97298 (06010624)	1.98548 (06010624)	1.99803 (06010624)	2.01058 (06010624)
3726795.4	1.94151 (06010624)	1.95377 (06010624)	1.96600 (06010624)	1.97827 (06010624)	1.99055 (06010624)
3726785.4	1.92283 (06010624)	1.93482 (06010624)	1.94679 (06010624)	1.95879 (06010624)	1.97080 (06010624)
3726775.4	1.90440 (06010624)	1.91610 (06010624)	1.92783 (06010624)	1.93958 (06010624)	1.95132 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	2.70368 (06012324)	2.78913 (06012324)	2.84389 (06012324)	2.89782 (06012324)	2.86496 (06012324)
3727055.4	2.67464 (06012324)	2.75866 (06012324)	2.81200 (06012324)	2.86449 (06012324)	2.82984 (06012324)
3727045.4	2.64537 (06012324)	2.72801 (06012324)	2.77995 (06012324)	2.83101 (06012324)	2.79455 (06012324)
3727035.4	2.61590 (06012324)	2.69720 (06012324)	2.74776 (06012324)	2.79741 (06012324)	2.76042 (07010224)
3727025.4	2.58866 (07010224)	2.66623 (06012324)	2.71542 (06012324)	2.76368 (06012324)	2.73116 (07010224)
3727015.4	2.56479 (07010224)	2.61017 (07010224)	2.65497 (07010224)	2.70144 (06012324)	2.70155 (07010224)
3727005.4	2.52192 (07010224)	2.56435 (07010224)	2.60793 (07010224)	2.65058 (07010224)	2.65058 (07010224)
3726995.4	2.49733 (07010224)	2.51926 (07010224)	2.55983 (07010224)	2.60126 (07010224)	2.59880 (07010224)
3726985.4	2.45580 (07010224)	2.49313 (07010224)	2.51269 (07010224)	2.55110 (07010224)	2.54830 (07010224)
3726975.4	2.41627 (06010624)	2.44970 (07010224)	2.46769 (07010224)	2.50215 (07010224)	2.50023 (07010224)
3726965.4	2.39045 (06010624)	2.40876 (06010624)	2.43992 (07010224)	2.45554 (07010224)	2.46416 (06010624)
3726955.4	2.36494 (06010624)	2.38287 (06010624)	2.40078 (06010624)	2.41880 (06010624)	2.43692 (06010624)
3726945.4	2.33985 (06010624)	2.35735 (06010624)	2.37483 (06010624)	2.39241 (06010624)	2.41008 (06010624)
3726935.4	2.31511 (06010624)	2.33219 (06010624)	2.34926 (06010624)	2.36641 (06010624)	2.38359 (06010624)
3726925.4	2.29066 (06010624)	2.30734 (06010624)	2.32405 (06010624)	2.34079 (06010624)	2.35756 (06010624)
3726915.4	2.26662 (06010624)	2.28285 (06010624)	2.29916 (06010624)	2.31550 (06010624)	2.33186 (06010624)
3726905.4	2.24286 (06010624)	2.25876 (06010624)	2.27463 (06010624)	2.29058 (06010624)	2.30654 (06010624)
3726895.4	2.21944 (06010624)	2.23496 (06010624)	2.25046 (06010624)	2.26603 (06010624)	2.28161 (06010624)
3726885.4	2.19640 (06010624)	2.21151 (06010624)	2.22665 (06010624)	2.24184 (06010624)	2.25705 (06010624)
3726875.4	2.17363 (06010624)	2.18840 (06010624)	2.20318 (06010624)	2.21801 (06010624)	2.23286 (06010624)
3726865.4	2.15119 (06010624)	2.16562 (06010624)	2.18010 (06010624)	2.19454 (06010624)	2.20903 (06010624)
3726855.4	2.12911 (06010624)	2.14320 (06010624)	2.15730 (06010624)	2.17141 (06010624)	2.18555 (06010624)
3726845.4	2.10730 (06010624)	2.12107 (06010624)	2.13484 (06010624)	2.14861 (06010624)	2.16243 (06010624)
3726835.4	2.08580 (06010624)	2.09925 (06010624)	2.11271 (06010624)	2.12616 (06010624)	2.13965 (06010624)
3726825.4	2.06460 (06010624)	2.07775 (06010624)	2.09089 (06010624)	2.10403 (06010624)	2.11721 (06010624)
3726815.4	2.04371 (06010624)	2.05655 (06010624)	2.06940 (06010624)	2.08223 (06010624)	2.09510 (06010624)
3726805.4	2.02310 (06010624)	2.03566 (06010624)	2.04821 (06010624)	2.06075 (06010624)	2.07332 (06010624)
3726795.4	2.00279 (06010624)	2.01506 (06010624)	2.02733 (06010624)	2.03958 (06010624)	2.05186 (06010624)
3726785.4	1.98276 (06010624)	1.99476 (06010624)	2.00675 (06010624)	2.01872 (06010624)	2.03072 (06010624)
3726775.4	1.96301 (06010624)	1.97474 (06010624)	1.98646 (06010624)	1.99816 (06010624)	2.00989 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	2.85528 (06012324)	2.85946 (07010224)	2.86360 (07010224)	2.85776 (06010624)	2.88222 (06010624)
3727055.4	2.82434 (07010224)	2.82773 (07010224)	2.83015 (07010224)	2.82347 (06010624)	2.84726 (06010624)
3727045.4	2.79405 (07010224)	2.79572 (07010224)	2.79650 (07010224)	2.78972 (06010624)	2.81288 (06010624)
3727035.4	2.76342 (07010224)	2.76345 (07010224)	2.76266 (07010224)	2.75652 (06010624)	2.77906 (06010624)
3727025.4	2.73250 (07010224)	2.73095 (07010224)	2.72867 (07010224)	2.72385 (06010624)	2.74578 (06010624)
3727015.4	2.70130 (07010224)	2.67719 (07010224)	2.67578 (07010224)	2.69170 (06010624)	2.71305 (06010624)
3727005.4	2.64783 (07010224)	2.64446 (07010224)	2.64175 (07010224)	2.66007 (06010624)	2.68086 (06010624)
3726995.4	2.59572 (07010224)	2.59329 (07010224)	2.60879 (06010624)	2.62901 (06010624)	2.64926 (06010624)
3726985.4	2.54613 (07010224)	2.56057 (07010224)	2.57869 (06010624)	2.59838 (06010624)	2.61810 (06010624)
3726975.4	2.51467 (07010224)	2.52997 (06010624)	2.54913 (06010624)	2.56825 (06010624)	2.58745 (06010624)
3726965.4	2.48271 (06010624)	2.50135 (06010624)	2.51996 (06010624)	2.53866 (06010624)	2.55730 (06010624)
3726955.4	2.45501 (06010624)	2.47312 (06010624)	2.49132 (06010624)	2.50948 (06010624)	2.52764 (06010624)
3726945.4	2.42772 (06010624)	2.44539 (06010624)	2.46307 (06010624)	2.48076 (06010624)	2.49852 (06010624)
3726935.4	2.40086 (06010624)	2.41808 (06010624)	2.43532 (06010624)	2.45257 (06010624)	2.46981 (06010624)
3726925.4	2.37434 (06010624)	2.39114 (06010624)	2.40795 (06010624)	2.42476 (06010624)	2.44157 (06010624)
3726915.4	2.34823 (06010624)	2.36462 (06010624)	2.38101 (06010624)	2.39740 (06010624)	2.41378 (06010624)
3726905.4	2.32252 (06010624)	2.33850 (06010624)	2.35449 (06010624)	2.37046 (06010624)	2.38643 (06010624)
3726895.4	2.29720 (06010624)	2.31279 (06010624)	2.32838 (06010624)	2.34396 (06010624)	2.35953 (06010624)
3726885.4	2.27226 (06010624)	2.28747 (06010624)	2.30268 (06010624)	2.31788 (06010624)	2.33306 (06010624)
3726875.4	2.24770 (06010624)	2.26255 (06010624)	2.27738 (06010624)	2.29220 (06010624)	2.30701 (06010624)
3726865.4	2.22352 (06010624)	2.23800 (06010624)	2.25248 (06010624)	2.26694 (06010624)	2.28137 (06010624)
3726855.4	2.19970 (06010624)	2.21384 (06010624)	2.22796 (06010624)	2.24207 (06010624)	2.25615 (06010624)
3726845.4	2.17624 (06010624)	2.19004 (06010624)	2.20382 (06010624)	2.21759 (06010624)	2.23132 (06010624)
3726835.4	2.15313 (06010624)	2.16661 (06010624)	2.18006 (06010624)	2.19349 (06010624)	2.20689 (06010624)
3726825.4	2.13038 (06010624)	2.14353 (06010624)	2.15666 (06010624)	2.16977 (06010624)	2.18285 (06010624)
3726815.4	2.10796 (06010624)	2.12080 (06010624)	2.13362 (06010624)	2.14642 (06010624)	2.15918 (06010624)
3726805.4	2.08588 (06010624)	2.09842 (06010624)	2.11094 (06010624)	2.12343 (06010624)	2.13588 (06010624)
3726795.4	2.06413 (06010624)	2.07638 (06010624)	2.08860 (06010624)	2.10079 (06010624)	2.11295 (06010624)
3726785.4	2.04271 (06010624)	2.05467 (06010624)	2.06661 (06010624)	2.07851 (06010624)	2.09038 (06010624)
3726775.4	2.02160 (06010624)	2.03329 (06010624)	2.04494 (06010624)	2.05657 (06010624)	2.06816 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	2.90675 (06010624)	2.93125 (06010624)	2.95573 (06010624)	2.98025 (06010624)	3.00479 (06010624)
3727055.4	2.87112 (06010624)	2.89496 (06010624)	2.91875 (06010624)	2.94258 (06010624)	2.96643 (06010624)
3727045.4	2.83609 (06010624)	2.85927 (06010624)	2.88241 (06010624)	2.90557 (06010624)	2.92866 (06010624)
3727035.4	2.80164 (06010624)	2.82419 (06010624)	2.84669 (06010624)	2.86921 (06010624)	2.89164 (06010624)
3727025.4	2.76776 (06010624)	2.78970 (06010624)	2.81158 (06010624)	2.83347 (06010624)	2.85528 (06010624)
3727015.4	2.73445 (06010624)	2.75579 (06010624)	2.77707 (06010624)	2.79836 (06010624)	2.81957 (06010624)
3727005.4	2.70168 (06010624)	2.72245 (06010624)	2.74316 (06010624)	2.76386 (06010624)	2.78448 (06010624)
3726995.4	2.66953 (06010624)	2.68967 (06010624)	2.70982 (06010624)	2.72996 (06010624)	2.75001 (06010624)
3726985.4	2.63784 (06010624)	2.65745 (06010624)	2.67705 (06010624)	2.69664 (06010624)	2.71614 (06010624)
3726975.4	2.60667 (06010624)	2.62576 (06010624)	2.64484 (06010624)	2.66390 (06010624)	2.68287 (06010624)
3726965.4	2.57602 (06010624)	2.59460 (06010624)	2.61317 (06010624)	2.63173 (06010624)	2.65018 (06010624)
3726955.4	2.54587 (06010624)	2.56397 (06010624)	2.58204 (06010624)	2.60010 (06010624)	2.61805 (06010624)
3726945.4	2.51622 (06010624)	2.53384 (06010624)	2.55144 (06010624)	2.56902 (06010624)	2.58649 (06010624)
3726935.4	2.48705 (06010624)	2.50422 (06010624)	2.52136 (06010624)	2.53847 (06010624)	2.55547 (06010624)
3726925.4	2.45836 (06010624)	2.47508 (06010624)	2.49178 (06010624)	2.50844 (06010624)	2.52499 (06010624)
3726915.4	2.43014 (06010624)	2.44643 (06010624)	2.46269 (06010624)	2.47892 (06010624)	2.49504 (06010624)
3726905.4	2.40239 (06010624)	2.41826 (06010624)	2.43410 (06010624)	2.44990 (06010624)	2.46559 (06010624)
3726895.4	2.37508 (06010624)	2.39055 (06010624)	2.40598 (06010624)	2.42137 (06010624)	2.43666 (06010624)
3726885.4	2.34822 (06010624)	2.36329 (06010624)	2.37833 (06010624)	2.39333 (06010624)	2.40821 (06010624)
3726875.4	2.32179 (06010624)	2.33648 (06010624)	2.35114 (06010624)	2.36575 (06010624)	2.38025 (06010624)
3726865.4	2.29579 (06010624)	2.31011 (06010624)	2.32440 (06010624)	2.33864 (06010624)	2.35277 (06010624)
3726855.4	2.27020 (06010624)	2.28417 (06010624)	2.29810 (06010624)	2.31198 (06010624)	2.32574 (06010624)
3726845.4	2.24503 (06010624)	2.25865 (06010624)	2.27223 (06010624)	2.28576 (06010624)	2.29918 (06010624)
3726835.4	2.22026 (06010624)	2.23355 (06010624)	2.24679 (06010624)	2.25998 (06010624)	2.27305 (06010624)
3726825.4	2.19589 (06010624)	2.20885 (06010624)	2.22176 (06010624)	2.23462 (06010624)	2.24737 (06010624)
3726815.4	2.17191 (06010624)	2.18455 (06010624)	2.19714 (06010624)	2.20968 (06010624)	2.22211 (06010624)
3726805.4	2.14831 (06010624)	2.16064 (06010624)	2.17292 (06010624)	2.18515 (06010624)	2.19727 (06010624)
3726795.4	2.12508 (06010624)	2.13711 (06010624)	2.14909 (06010624)	2.16103 (06010624)	2.17285 (06010624)
3726785.4	2.10221 (06010624)	2.11396 (06010624)	2.12565 (06010624)	2.13729 (06010624)	2.14882 (06010624)
3726775.4	2.07971 (06010624)	2.09117 (06010624)	2.10258 (06010624)	2.11389 (06010624)	2.12519 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55C ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 ,

*** 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)
418554.30	3726952.94	2.35570	(06010624)	418588.83	3726936.99	2.37540	(06010624)
418621.06	3726898.60	2.32889	(06010624)	418540.35	3726921.02	2.25432	(06010624)
418517.77	3726916.44	2.20706	(06010624)	418553.95	3726903.64	2.23545	(06010624)
418569.20	3726897.12	2.24398	(06010624)	418595.63	3726869.12	2.21728	(06010624)
418474.33	3726881.10	2.06532	(06010624)	418522.17	3726860.74	2.09270	(06010624)
418450.23	3726839.32	1.95162	(06010624)	418483.59	3726835.57	1.98911	(06010624)
418436.23	3726824.73	1.90707	(06010624)	418425.80	3726805.10	1.86004	(06010624)
418595.95	3726915.31	2.33152	(06010624)	418426.14	3726814.62	1.87668	(06010624)
418536.67	3726953.06	2.32477	(06010624)	418556.00	3726851.05	2.11956	(06010624)
418418.06	3726821.00	1.87742	(06010624)	418550.08	3726960.90	2.36819	(06010624)
418422.83	3726819.47	1.88083	(06010624)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	29.27865m(09121824)	30.09541m(09121824)	30.92788m(09121824)	31.77482m(09121824)	32.63005m(09121824)
3727055.4	31.10582m(09121824)	32.05220m(09121824)	33.02582m(09121824)	34.02493m(09121824)	35.04749m(09121824)
3727045.4	33.09579m(09121824)	34.19169m(09121824)	35.33293m(09121824)	36.51484m(09121824)	37.73697m(09121824)
3727035.4	35.26475m(09121824)	36.53609m(09121824)	37.87015m(09121824)	39.27222m(09121824)	40.73791m(09121824)
3727025.4	37.63041m(09121824)	39.10524m(09121824)	40.66822m(09121824)	42.32576m(09121824)	44.08393m(09121824)
3727015.4	40.20971m(09121824)	41.91978m(09121824)	43.75014m(09121824)	45.71889m(09121824)	47.82998m(09121824)
3727005.4	43.02575m(09121824)	45.00812m(09121824)	47.15718m(09121824)	49.48340m(09121824)	52.01615m(09121824)
3726995.4	46.10334m(09121824)	48.40057m(09121824)	50.91675m(09121824)	53.67025m(09121824)	56.71904m(09121824)
3726985.4	49.47105m(09121824)	52.14094m(09121824)	55.07721m(09121824)	58.34716m(09121824)	61.99037m(09121824)
3726975.4	53.16254m(09121824)	56.25637m(09121824)	59.69107m(09121824)	63.56056m(09121824)	67.94424m(09121824)
3726965.4	57.21827m(09121824)	60.80404m(09121824)	64.83926m(09121824)	69.42184m(09121824)	74.65913m(09121824)
3726955.4	61.68760m(09121824)	65.84680m(09121824)	70.57447m(09121824)	76.00534m(09121824)	82.32013m(09121824)
3726945.4	66.63197m(09121824)	71.46383m(09121824)	77.01344m(09121824)	83.46457m(09121824)	91.06238m(09121824)
3726935.4	72.12895m(09121824)	77.75689m(09121824)	84.32401m(09121824)	92.01741m(09121824)	101.21679m(09121824)
3726925.4	78.30689m(09121824)	84.89290m(09121824)	92.62698m(09121824)	101.89918m(09121824)	113.12569m(09121824)
3726915.4	85.27852m(09121824)	93.02431m(09121824)	102.24204m(09121824)	113.47158m(09121824)	127.31617m(09121824)
3726905.4	93.21573m(09121824)	102.39388m(09121824)	113.48787m(09121824)	127.23933m(09121824)	144.60159m(09121824)
3726895.4	102.35232m(09121824)	113.34123m(09121824)	126.84741m(09121824)	143.98151m(09121824)	166.20063m(09121824)
3726885.4	113.01710m(09121824)	126.33007m(09121824)	143.06290m(09121824)	164.85366m(09121824)	194.19957m(09121824)
3726875.4	125.65617m(09121824)	142.06855m(09121824)	163.23104m(09121824)	191.80829m(09121824)	232.37721m(09121824)
3726865.4	140.94273m(09121824)	161.60140m(09121824)	189.17336m(09121824)	228.36127m(09121824)	288.20174m(09121824)
3726855.4	159.87597m(09121824)	186.63598m(09121824)	224.14673m(09121824)	281.35742m(09121824)	378.49133m(06121424)
3726845.4	184.05438m(09121824)	220.20314m(09121824)	274.40188m(09121824)	365.95914m(09121824)	375.71227m(06121424)
3726835.4	216.30149m(09121824)	268.05537m(09121824)	353.53743m(09121824)	367.72164m(06121424)	298.28898m(09121824)
3726825.4	261.91970m(09121824)	342.50708m(09121824)	359.19032m(06121424)	299.61681m(09121824)	306.01939m(09121824)
3726815.4	332.07621m(09121824)	351.20164m(06121424)	300.52971m(09121824)	304.73417m(09121824)	284.29783m(09121824)
3726805.4	457.36453m(06121424)	301.37109m(09121824)	303.09419m(09121824)	292.84774m(09121824)	415.31830 (06120724)
3726795.4	301.82358m(09121824)	301.93166m(09121824)	302.13900m(09121824)	434.11088 (06120724)	310.87954m(09121824)
3726785.4	300.92009m(09121824)	312.59167m(09121824)	454.36778 (06120724)	321.09123m(09121824)	249.34779m(09121824)
3726775.4	441.05257 (06120724)	476.44932 (06120724)	331.78424m(09121824)	255.91962m(09121824)	208.52269m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	33.48598m(09121824)	34.33609m(09121824)	35.16618m(09121824)	35.96402m(09121824)	36.70897m(09121824)
3727055.4	36.08404m(09121824)	37.13026m(09121824)	38.16935m(09121824)	39.19007m(09121824)	40.16705m(09121824)
3727045.4	38.99853m(09121824)	40.28665m(09121824)	41.59270m(09121824)	42.90518m(09121824)	44.19504m(09121824)
3727035.4	42.26895m(09121824)	43.86193m(09121824)	45.50910m(09121824)	47.20442m(09121824)	48.91768m(09121824)
3727025.4	45.94797m(09121824)	47.92130m(09121824)	50.00384m(09121824)	52.20148m(09121824)	54.48885m(09121824)
3727015.4	50.10242m(09121824)	52.55124m(09121824)	55.19066m(09121824)	58.04712m(09121824)	61.11382m(09121824)
3727005.4	54.78411m(09121824)	57.83441m(09121824)	61.18112m(09121824)	64.89757m(09121824)	69.01170m(09121824)
3726995.4	60.09191m(09121824)	63.85876m(09121824)	68.11733m(09121824)	72.94684m(09121824)	78.46437m(09121824)
3726985.4	66.11183m(09121824)	70.78130m(09121824)	76.16982m(09121824)	82.43451m(09121824)	89.82734m(09121824)
3726975.4	72.93989m(09121824)	78.74501m(09121824)	85.55330m(09121824)	93.67635m(09121824)	103.54587m(09121824)
3726965.4	80.76436m(09121824)	87.95153m(09121824)	96.56357m(09121824)	107.08513m(09121824)	120.27596m(09121824)
3726955.4	89.76145m(09121824)	98.68522m(09121824)	109.59909m(09121824)	123.28354m(09121824)	140.98190m(09121824)
3726945.4	100.20713m(09121824)	111.33585m(09121824)	125.25829m(09121824)	143.21246m(09121824)	167.26678m(09121824)
3726935.4	112.42969m(09121824)	126.40939m(09121824)	144.45486m(09121824)	168.39759m(09121824)	202.04247m(09121824)
3726925.4	127.07274m(09121824)	144.90598m(09121824)	168.63815m(09121824)	201.57787m(09121824)	250.91342m(09121824)
3726915.4	144.94145m(09121824)	168.13961m(09121824)	200.36728m(09121824)	247.93622m(09121824)	325.93095m(09121824)
3726905.4	167.32525m(09121824)	198.48705m(09121824)	244.42988m(09121824)	318.39776m(09121824)	340.67009m(06121424)
3726895.4	196.45050m(09121824)	240.35098m(09121824)	310.73389m(09121824)	442.27270m(06121424)	297.86131 (06020424)
3726885.4	236.38983m(09121824)	302.67405m(09121824)	424.64623m(06121424)	410.26813m(06121424)	289.93228m(09121824)
3726875.4	295.30092m(09121824)	407.47442m(06121424)	401.11817m(06121424)	291.97778m(09121824)	424.28493 (06120724)
3726865.4	392.42499m(06121424)	391.89945m(06121424)	293.98141m(09121824)	309.14522m(09121824)	354.19616 (06120724)
3726855.4	383.71433m(06121424)	295.31740m(09121824)	309.44286m(09121824)	365.21816 (06120724)	338.70640m(09121824)
3726845.4	296.83947m(09121824)	308.15116m(09121824)	375.99102 (06120724)	352.52030m(09121824)	265.03278m(09121824)
3726835.4	307.17081m(09121824)	269.09892m(09121824)	366.79805m(09121824)	273.79932m(09121824)	218.16737m(09121824)
3726825.4	276.42243m(09121824)	381.73660m(09121824)	282.66845m(09121824)	224.35374m(09121824)	185.62256m(09121824)
3726815.4	397.81381 (06120724)	291.73886m(09121824)	230.51352m(09121824)	190.29427m(09121824)	161.61581m(09121824)
3726805.4	301.10706m(09121824)	236.69150m(09121824)	194.88968m(09121824)	165.29921m(09121824)	143.08121m(09121824)
3726795.4	242.94208m(09121824)	199.43064m(09121824)	168.88715m(09121824)	146.07989m(09121824)	128.27297m(09121824)
3726785.4	203.95183m(09121824)	172.40022m(09121824)	148.96958m(09121824)	130.75975m(09121824)	116.17549m(09121824)
3726775.4	175.85956m(09121824)	151.78378m(09121824)	133.13737m(09121824)	118.26914m(09121824)	106.09177m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	37.37575m(09121824)	37.93938m(09121824)	38.36587m(09121824)	38.61997m(09121824)	38.66443m(09121824)
3727055.4	41.07060m(09121824)	41.86281m(09121824)	42.49428m(09121824)	42.91816m(09121824)	43.07313m(09121824)
3727045.4	45.42664m(09121824)	46.55097m(09121824)	47.50296m(09121824)	48.20025m(09121824)	48.54762m(09121824)
3727035.4	50.61034m(09121824)	52.22257m(09121824)	53.67326m(09121824)	54.82259m(09121824)	55.52031m(09121824)
3727025.4	56.84512m(09121824)	59.17818m(09121824)	61.39278m(09121824)	63.31099m(09121824)	64.68456m(09121824)
3727015.4	64.37339m(09121824)	67.80125m(09121824)	71.25023m(09121824)	74.50862m(09121824)	77.20478m(09121824)
3727005.4	73.56333m(09121824)	78.60347m(09121824)	84.02496m(09121824)	89.67678m(09121824)	95.07727m(09121824)
3726995.4	84.82623m(09121824)	92.23313m(09121824)	100.81907m(09121824)	110.70604m(09121824)	121.85076m(09121824)
3726985.4	98.72623m(09121824)	109.56046m(09121824)	123.07292m(09121824)	140.41819m(09121824)	163.63836m(09121824)
3726975.4	115.91221m(09121824)	131.71950m(09121824)	152.88324m(09121824)	183.04866m(09121824)	230.45089m(09121824)
3726965.4	137.42682m(09121824)	160.49936m(09121824)	193.71071m(09121824)	246.06154m(09121824)	343.11285m(06121424)
3726955.4	164.95086m(09121824)	199.13220m(09121824)	252.41199m(09121824)	347.64464m(06121424)	342.06989m(06121424)
3726945.4	201.56606m(09121824)	254.08705m(09121824)	345.25800m(06121424)	349.77369m(06121424)	260.31710 (06020424)
3726935.4	253.33153m(09121824)	340.01232m(09121824)	351.55470m(06121424)	273.79064 (06020424)	266.21478m(09121824)
3726925.4	333.08757m(09121824)	349.68779m(06121424)	282.97537 (06020424)	274.95374m(09121824)	353.36875 (06120724)
3726915.4	345.72729m(06121424)	289.43694 (06020424)	280.37395m(09121824)	369.69866 (06120724)	360.30095 (06120724)
3726905.4	294.41195 (06020424)	284.65167m(09121824)	384.68985 (06120724)	382.28120 (06120724)	272.33688m(09121824)
3726895.4	287.46538m(09121824)	397.88592 (06120724)	404.30754 (06120724)	286.35196m(09121824)	219.55489m(09121824)
3726885.4	411.04783 (06120724)	426.57894 (06120724)	299.50198m(09121824)	229.54349m(09121824)	184.45392m(09121824)
3726875.4	449.46974 (06120724)	312.51102m(09121824)	238.83253m(09121824)	191.95820m(09121824)	159.26775m(09121824)
3726865.4	325.52417m(09121824)	247.61295m(09121824)	198.94662m(09121824)	165.19873m(09121824)	140.27710m(09121824)
3726855.4	256.41489m(09121824)	205.54958m(09121824)	170.70097m(09121824)	145.11167m(09121824)	125.35545m(09121824)
3726845.4	211.89214m(09121824)	175.85628m(09121824)	149.58664m(09121824)	129.41855m(09121824)	113.32407m(09121824)
3726835.4	180.83029m(09121824)	153.81151m(09121824)	133.14885m(09121824)	116.75599m(09121824)	103.39887m(09121824)
3726825.4	157.80201m(09121824)	136.65348m(09121824)	119.93718m(09121824)	106.35800m(09121824)	95.09074m(09121824)
3726815.4	139.94972m(09121824)	122.89091m(09121824)	109.07903m(09121824)	97.64347m(09121824)	88.01282m(09121824)
3726805.4	125.65864m(09121824)	111.60266m(09121824)	99.99207m(09121824)	90.23222m(09121824)	81.91032m(09121824)
3726795.4	113.95996m(09121824)	102.16777m(09121824)	92.27484m(09121824)	83.85292m(09121824)	76.57383m(09121824)
3726785.4	104.19449m(09121824)	94.16540m(09121824)	85.64098m(09121824)	78.28523m(09121824)	71.85832m(09121824)
3726775.4	95.92367m(09121824)	87.29370m(09121824)	79.86024m(09121824)	73.37259m(09121824)	67.65590m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	38.47082m(09121824)	38.01635m(09121824)	37.29944m(09121824)	36.34187m(09121824)	35.18345m(09121824)
3727055.4	42.90489m(09121824)	42.37541m(09121824)	41.48037m(09121824)	40.25599m(09121824)	38.76678m(09121824)
3727045.4	48.44897m(09121824)	47.83357m(09121824)	46.68881m(09121824)	45.07613m(09121824)	43.49734 (06020424)
3727035.4	55.58973m(09121824)	54.89040m(09121824)	53.38418m(09121824)	51.17477m(09121824)	49.54207 (06020424)
3727025.4	65.15626m(09121824)	64.42581m(09121824)	62.37293m(09121824)	59.94071 (06020424)	57.23284 (06020424)
3727015.4	78.65411m(09121824)	78.14940m(09121824)	75.24619m(09121824)	72.09119 (06020424)	67.21681 (06020424)
3727005.4	99.06716m(09121824)	99.78654m(09121824)	96.37583 (06020424)	89.91256 (06020424)	80.45622 (06020424)
3726995.4	132.88280m(09121824)	139.15825m(09121824)	135.23969 (06020424)	118.63923 (06020424)	98.22094 (06020424)
3726985.4	194.87995m(09121824)	231.04849m(06121424)	229.60204 (06020424)	168.36886 (06020424)	120.50860 (06020424)
3726975.4	316.77132m(06121424)	225.31261m(06121424)	173.83942 (06020424)	233.57657m(06121424)	140.95586 (06020424)
3726965.4	316.75479m(06121424)	179.38146 (06020424)	127.49218 (06020424)	256.58460 (06120724)	149.02125m(09121824)
3726955.4	236.39321 (06020424)	218.75102 (06020424)	250.53527 (06120724)	218.78045m(09121824)	144.77825m(09121824)
3726945.4	250.48389m(09121824)	302.46560 (06120724)	273.01851m(09121824)	185.16246m(09121824)	134.31381m(09121824)
3726935.4	332.60433 (06120724)	309.54960m(09121824)	216.19889m(09121824)	159.81104m(09121824)	123.12705m(09121824)
3726925.4	336.97284m(09121824)	239.16339m(09121824)	180.06035m(09121824)	140.63152m(09121824)	112.92427m(09121824)
3726915.4	257.10636m(09121824)	195.83126m(09121824)	154.86082m(09121824)	125.61333m(09121824)	103.87322m(09121824)
3726905.4	208.59896m(09121824)	166.43085m(09121824)	136.21579m(09121824)	113.52709m(09121824)	95.99288m(09121824)
3726895.4	176.03971m(09121824)	145.08167m(09121824)	121.75679m(09121824)	103.58688m(09121824)	89.11328m(09121824)
3726885.4	152.61201m(09121824)	128.79287m(09121824)	110.14460m(09121824)	95.24668m(09121824)	83.11167m(09121824)
3726875.4	134.86989m(09121824)	115.86540m(09121824)	100.63298m(09121824)	88.15845m(09121824)	77.83475m(09121824)
3726865.4	120.86879m(09121824)	105.35799m(09121824)	92.64624m(09121824)	82.07558m(09121824)	73.18389m(09121824)
3726855.4	109.54494m(09121824)	96.62362m(09121824)	85.86219m(09121824)	76.78175m(09121824)	69.03810m(09121824)
3726845.4	100.17619m(09121824)	89.25078m(09121824)	80.02049m(09121824)	72.13657m(09121824)	65.31513m(09121824)
3726835.4	92.29594m(09121824)	82.93736m(09121824)	74.93963m(09121824)	68.00277m(09121824)	61.94723m(09121824)
3726825.4	85.58739m(09121824)	77.47745m(09121824)	70.45117m(09121824)	64.30087m(09121824)	58.88656m(09121824)
3726815.4	79.79038m(09121824)	72.67557m(09121824)	66.45125m(09121824)	60.95962m(09121824)	56.08908m(09121824)
3726805.4	74.70826m(09121824)	68.41265m(09121824)	62.85930m(09121824)	57.92517m(09121824)	53.52014m(09121824)
3726795.4	70.20859m(09121824)	64.59748m(09121824)	59.61160m(09121824)	55.15396m(09121824)	51.15084m(09121824)
3726785.4	66.19130m(09121824)	61.15851m(09121824)	56.65725m(09121824)	52.61044m(09121824)	48.95701m(09121824)
3726775.4	62.57810m(09121824)	58.03870m(09121824)	53.95506m(09121824)	50.26527m(09121824)	46.91825m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	34.06712 (06020424)	33.33811 (06020424)	32.43954 (06020424)	31.39039 (06020424)	30.08596 (06020424)
3727055.4	37.74871 (06020424)	36.67820 (06020424)	35.39611 (06020424)	33.94238 (06020424)	32.21685 (06020424)
3727045.4	42.13217 (06020424)	40.52441 (06020424)	38.64630 (06020424)	36.69481 (06020424)	34.44709 (06020424)
3727035.4	47.40334 (06020424)	44.94712 (06020424)	42.30920 (06020424)	39.56044 (06020424)	36.74309 (06020424)
3727025.4	53.77552 (06020424)	50.08831 (06020424)	46.25854 (06020424)	42.63402 (06020424)	39.03665 (06020424)
3727015.4	61.53385 (06020424)	55.79280 (06020424)	50.47678 (06020424)	45.64833 (06020424)	41.31773 (06020424)
3727005.4	70.70915 (06020424)	62.07735 (06020424)	54.74943 (06020424)	48.63636 (06020424)	43.41722 (06020424)
3726995.4	81.34434 (06020424)	68.50823 (06020424)	58.85979 (06020424)	51.34451 (06020424)	45.29197 (06020424)
3726985.4	92.09113 (06020424)	74.45464 (06020424)	62.39989 (06020424)	53.63551 (06020424)	46.87389 (06020424)
3726975.4	100.51033 (06020424)	78.87116 (06020424)	65.07865 (06020424)	55.52698 (09121424)	48.64346 (09121424)
3726965.4	105.55150m(09121824)	82.23949m(09121824)	67.64043m(09121824)	57.61668 (09121424)	50.23727 (09121424)
3726955.4	106.30934m(09121824)	83.73814m(09121824)	69.05268m(09121824)	58.84640 (09121424)	51.26237 (09121424)
3726945.4	103.20547m(09121824)	83.05125m(09121824)	69.15150m(09121824)	59.22364 (09121424)	51.71332 (09121424)
3726935.4	98.30064m(09121824)	80.86976m(09121824)	68.22834m(09121824)	58.87477 (09121424)	51.65718 (09121424)
3726925.4	92.81401m(09121824)	77.89904m(09121824)	66.61421m(09121824)	58.01775 (06122124)	51.29141 (06122124)
3726915.4	87.33926m(09121824)	74.59070m(09121824)	64.60490m(09121824)	56.84643 (06122124)	50.58775 (06122124)
3726905.4	82.19280m(09121824)	71.21628m(09121824)	62.41266 (06122124)	55.41263 (06122124)	49.63222 (06122124)
3726895.4	77.44687m(09121824)	67.94101m(09121824)	60.16821 (06122124)	53.82944 (06122124)	48.51279 (06122124)
3726885.4	73.11734m(09121824)	64.83381m(09121824)	57.91800 (06122124)	52.17624 (06122124)	47.29494 (06122124)
3726875.4	69.19832m(09121824)	61.90542m(09121824)	55.71421 (06122124)	50.50652 (06122124)	46.02490 (06122124)
3726865.4	65.63020m(09121824)	59.15687m(09121824)	53.58074m(09121824)	48.85336 (06122124)	44.73336 (06122124)
3726855.4	62.36735m(09121824)	56.58615m(09121824)	51.55139m(09121824)	47.23574 (06122124)	43.44206 (06122124)
3726845.4	59.37804m(09121824)	54.18300m(09121824)	49.61730m(09121824)	45.66561 (06122124)	42.16579 (06122124)
3726835.4	56.62934m(09121824)	51.93626m(09121824)	47.77890m(09121824)	44.14970 (06122124)	40.91431 (06122124)
3726825.4	54.09373m(09121824)	49.83379m(09121824)	46.03378m(09121824)	42.69109 (06122124)	39.69381 (06122124)
3726815.4	51.74712m(09121824)	47.86357m(09121824)	44.37791m(09121824)	41.29046 (06122124)	38.50791 (06122124)
3726805.4	49.56844m(09121824)	46.01413m(09121824)	42.80638m(09121824)	39.94698 (06122124)	37.35850 (06122124)
3726795.4	47.53946m(09121824)	44.27491m(09121824)	41.31414m(09121824)	38.65889 (06122124)	36.24624 (06122124)
3726785.4	45.64438m(09121824)	42.63636m(09121824)	39.89613m(09121824)	37.42387 (06122124)	35.17096 (06122124)
3726775.4	43.86951m(09121824)	41.08980m(09121824)	38.54749m(09121824)	36.23936 (06122124)	34.13201 (06122124)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	28.72322 (06020424)	27.31112 (06020424)	25.89874 (06020424)	24.50022 (06020424)	23.16476 (06020424)
3727055.4	30.48439 (06020424)	28.75282 (06020424)	27.07274 (06020424)	25.45589 (06020424)	23.94320 (06020424)
3727045.4	32.27974 (06020424)	30.19017 (06020424)	28.22267 (06020424)	26.37999 (06020424)	24.68947 (06020424)
3727035.4	34.07803 (06020424)	31.59949 (06020424)	29.33196 (06020424)	27.26235 (06020424)	25.39792 (06020424)
3727025.4	35.84131 (06020424)	32.95413 (06020424)	30.38391 (06020424)	28.09334 (06020424)	26.06336 (06020424)
3727015.4	37.52491 (06020424)	34.20917 (06020424)	31.35576 (06020424)	28.86353 (06020424)	26.68090 (06020424)
3727005.4	39.04659 (06020424)	35.37257 (06020424)	32.24831 (06020424)	29.56403 (06020424)	27.48530 (09121424)
3726995.4	40.40599 (06020424)	36.39135 (06020424)	33.19934 (09121424)	30.61229 (09121424)	28.37312 (09121424)
3726985.4	41.67434 (09121424)	37.69848 (09121424)	34.38475 (09121424)	31.58253 (09121424)	29.17931 (09121424)
3726975.4	43.28151 (09121424)	38.96107 (09121424)	35.40470 (09121424)	32.42402 (09121424)	29.88169 (09121424)
3726965.4	44.53239 (09121424)	39.96804 (09121424)	36.23400 (09121424)	33.11197 (09121424)	30.46498 (09121424)
3726955.4	45.38778 (09121424)	40.69234 (09121424)	36.84535 (09121424)	33.63845 (09121424)	30.91950 (09121424)
3726945.4	45.84028 (09121424)	41.11909 (09121424)	37.24032 (09121424)	34.01997 (06122124)	31.30249 (06122124)
3726935.4	45.96606 (06122124)	41.35990 (06122124)	37.55109 (06122124)	34.35160 (06122124)	31.62646 (06122124)
3726925.4	45.85368 (06122124)	41.38314 (06122124)	37.65299 (06122124)	34.49761 (06122124)	31.79574 (06122124)
3726915.4	45.44382 (06122124)	41.16207 (06122124)	37.55344 (06122124)	34.47639 (06122124)	31.82522 (06122124)
3726905.4	44.81058 (06122124)	40.74734 (06122124)	37.28760 (06122124)	34.31307 (06122124)	31.73315 (06122124)
3726895.4	44.01796 (06122124)	40.18544 (06122124)	36.88963 (06122124)	34.03298 (06122124)	31.53853 (06122124)
3726885.4	43.11698 (06122124)	39.51543 (06122124)	36.38977 (06122124)	33.65941 (06122124)	31.25939 (06122124)
3726875.4	42.14554 (06122124)	38.76877 (06122124)	35.81329 (06122124)	33.21252 (06122124)	30.91182 (06122124)
3726865.4	41.13207 (06122124)	37.96986 (06122124)	35.18061 (06122124)	32.70920 (06122124)	30.50968 (06122124)
3726855.4	40.09739 (06122124)	37.13742 (06122124)	34.50796 (06122124)	32.16327 (06122124)	30.06467 (06122124)
3726845.4	39.05663 (06122124)	36.28564 (06122124)	33.80814 (06122124)	31.58597 (06122124)	29.58648 (06122124)
3726835.4	38.02057 (06122124)	35.42523 (06122124)	33.09116 (06122124)	30.98634 (06122124)	29.08313 (06122124)
3726825.4	36.99683 (06122124)	34.56419 (06122124)	32.36480 (06122124)	30.37166 (06122124)	28.56122 (06122124)
3726815.4	35.99062 (06122124)	33.70842 (06122124)	31.63510 (06122124)	29.74772 (06122124)	28.02615 (06122124)
3726805.4	35.00541 (06122124)	32.86222 (06122124)	30.90666 (06122124)	29.11912 (06122124)	27.48233 (06122124)
3726795.4	34.04339 (06122124)	32.02866 (06122124)	30.18297 (06122124)	28.48953 (06122124)	26.93361 (06122124)
3726785.4	33.10583 (06122124)	31.20988 (06122124)	29.46675 (06122124)	27.86207 (06122124)	26.38262 (06122124)
3726775.4	32.19336 (06122124)	30.40742 (06122124)	28.76015 (06122124)	27.23871 (06122124)	25.83153 (06122124)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	21.88887 (06020424)	20.68786 (06020424)	19.56241 (06020424)	18.50993 (06020424)	17.53141 (06020424)
3727055.4	22.52657 (06020424)	21.21372 (06020424)	19.99992 (06020424)	18.87919 (06020424)	17.84823 (06020424)
3727045.4	23.13542 (06020424)	21.71579 (06020424)	20.41912 (06020424)	19.23524 (06020424)	18.22940 (09121424)
3727035.4	23.71280 (06020424)	22.19316 (06020424)	20.81989 (06020424)	19.70608 (09121424)	18.74033 (09121424)
3727025.4	24.25622 (06020424)	22.64831 (09121424)	21.40446 (09121424)	20.27037 (09121424)	19.23449 (09121424)
3727015.4	24.86383 (09121424)	23.37093 (09121424)	22.02749 (09121424)	20.81112 (09121424)	19.70645 (09121424)
3727005.4	25.66869 (09121424)	24.05682 (09121424)	22.61689 (09121424)	21.32131 (09121424)	20.15083 (09121424)
3726995.4	26.41576 (09121424)	24.69406 (09121424)	23.16363 (09121424)	21.79416 (09121424)	20.56248 (09121424)
3726985.4	27.09428 (09121424)	25.27127 (09121424)	23.65933 (09121424)	22.22341 (09121424)	20.93667 (09121424)
3726975.4	27.68808 (09121424)	25.77853 (09121424)	24.09670 (09121424)	22.60362 (09121424)	21.26931 (09121424)
3726965.4	28.18636 (09121424)	26.20801 (09121424)	24.46998 (09121424)	22.93045 (09121424)	21.55709 (09121424)
3726955.4	28.58212 (09121424)	26.55452 (09121424)	24.80048 (06122124)	23.26126 (06122124)	21.89327 (06122124)
3726945.4	28.96945 (06122124)	26.94427 (06122124)	25.16792 (06122124)	23.59700 (06122124)	22.20096 (06122124)
3726935.4	29.27775 (06122124)	27.23547 (06122124)	25.44121 (06122124)	23.85247 (06122124)	22.43934 (06122124)
3726925.4	29.45763 (06122124)	27.41872 (06122124)	25.62281 (06122124)	24.02931 (06122124)	22.60947 (06122124)
3726915.4	29.51971 (06122124)	27.50167 (06122124)	25.71829 (06122124)	24.13168 (06122124)	22.71457 (06122124)
3726905.4	29.47743 (06122124)	27.49438 (06122124)	25.73533 (06122124)	24.16551 (06122124)	22.75935 (06122124)
3726895.4	29.34523 (06122124)	27.40796 (06122124)	25.68262 (06122124)	24.13768 (06122124)	22.74939 (06122124)
3726885.4	29.13719 (06122124)	27.25354 (06122124)	25.56904 (06122124)	24.05539 (06122124)	22.69064 (06122124)
3726875.4	28.86622 (06122124)	27.04158 (06122124)	25.40312 (06122124)	23.92565 (06122124)	22.58892 (06122124)
3726865.4	28.54369 (06122124)	26.78147 (06122124)	25.19269 (06122124)	23.75499 (06122124)	22.44979 (06122124)
3726855.4	28.17940 (06122124)	26.48151 (06122124)	24.94475 (06122124)	23.54934 (06122124)	22.27830 (06122124)
3726845.4	27.78168 (06122124)	26.14886 (06122124)	24.66544 (06122124)	23.31400 (06122124)	22.07892 (06122124)
3726835.4	27.35756 (06122124)	25.78965 (06122124)	24.36010 (06122124)	23.05358 (06122124)	21.85560 (06122124)
3726825.4	26.91292 (06122124)	25.40910 (06122124)	24.03342 (06122124)	22.77200 (06122124)	21.61181 (06122124)
3726815.4	26.45269 (06122124)	25.01181 (06122124)	23.68918 (06122124)	22.47272 (06122124)	21.35066 (06122124)
3726805.4	25.98118 (06122124)	24.60130 (06122124)	23.33069 (06122124)	22.15877 (06122124)	21.07483 (06122124)
3726795.4	25.50157 (06122124)	24.18067 (06122124)	22.96085 (06122124)	21.83281 (06122124)	20.78663 (06122124)
3726785.4	25.01655 (06122124)	23.75255 (06122124)	22.58218 (06122124)	21.49705 (06122124)	20.48809 (06122124)
3726775.4	24.52841 (06122124)	23.31926 (06122124)	22.19676 (06122124)	21.15204 (06122124)	20.18096 (06122124)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55OFF ***
INCLUDING SOURCE(S): L0003138 , L0003139 , L0003140 , L0003141 , L0003142 ,
L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 , L0003150 ,
L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , L0003157 , L0003158 ,
L0003159 , L0003160 , L0003161 , L0003162 , L0003163 , L0003164 , L0003165 , . . . ,

*** 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)
418554.30	3726952.94	110.53672m	(09121824)	418588.83	3726936.99	56.67514	(09121424)
418621.06	3726898.60	38.59891	(06122124)	418540.35	3726921.02	121.67060m	(09121824)
418517.77	3726916.44	190.35036m	(09121824)	418553.95	3726903.64	83.72597m	(09121824)
418569.20	3726897.12	65.70954m	(09121824)	418595.63	3726869.12	45.33130	(06122124)
418474.33	3726881.10	281.80570m	(09121824)	418522.17	3726860.74	93.49311m	(09121824)
418450.23	3726839.32	213.91445m	(09121824)	418483.59	3726835.57	120.44194m	(09121824)
418436.23	3726824.73	220.18418m	(09121824)	418425.80	3726805.10	194.32108m	(09121824)
418595.95	3726915.31	50.57023	(06122124)	418426.14	3726814.62	226.11749m	(09121824)
418536.67	3726953.06	203.37281m	(09121824)	418556.00	3726851.05	60.98522m	(09121824)
418418.06	3726821.00	314.98724m	(09121824)	418550.08	3726960.90	127.65719m	(09121824)
418422.83	3726819.47	267.84011m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	17.63231m(09121824)	18.61640m(09121824)	19.69958m(09121824)	20.90608m(09121824)	22.25271m(09121824)
3727055.4	17.54193m(09121824)	18.52426m(09121824)	19.60695m(09121824)	20.81046m(09121824)	22.16104m(09121824)
3727045.4	17.42319m(09121824)	18.39585m(09121824)	19.47652m(09121824)	20.67521m(09121824)	22.01736m(09121824)
3727035.4	17.27600m(09121824)	18.23818m(09121824)	19.30370m(09121824)	20.49494m(09121824)	21.82544m(09121824)
3727025.4	17.13207m(05021724)	18.06108m(05021724)	19.09678m(09121824)	20.26507m(09121824)	21.57467m(09121824)
3727015.4	17.04604m(05021724)	17.95966m(05021724)	18.96461m(05021724)	20.07879m(05021724)	21.31496m(05021724)
3727005.4	16.92514m(05021724)	17.81801m(05021724)	18.80109m(05021724)	19.88362m(05021724)	21.08499m(05021724)
3726995.4	16.76719m(05021724)	17.63379m(05021724)	18.58578m(05021724)	19.63118m(05021724)	20.79128m(05021724)
3726985.4	16.57035m(05021724)	17.40750m(05021724)	18.31947m(05021724)	19.32283m(05021724)	20.42596m(05021724)
3726975.4	16.33338m(05021724)	17.13343m(05021724)	18.00152m(05021724)	18.95267m(05021724)	19.99648m(05021724)
3726965.4	16.05596m(05021724)	16.81410m(05021724)	17.63542m(05021724)	18.52839m(05021724)	19.49979m(05021724)
3726955.4	15.73897m(05021724)	16.45115m(05021724)	17.21873m(05021724)	18.04853m(05021724)	18.94841m(05021724)
3726945.4	15.38460m(05021724)	16.04783m(05021724)	16.75865m(05021724)	17.52234m(05021724)	18.34496m(05021724)
3726935.4	14.99644m(05021724)	15.60895m(05021724)	16.26394m(05021724)	16.96073m(05021724)	17.70606m(05021724)
3726925.4	14.58136m(05021724)	15.14282m(05021724)	15.73746m(05021724)	16.37053m(05021724)	17.09100 (06121824)
3726915.4	14.14292m(05021724)	14.65414m(05021724)	15.19241m(05021724)	15.80962 (06121824)	16.51535 (06121824)
3726905.4	13.68752m(05021724)	14.15044m(05021724)	14.68234 (06121824)	15.29182 (06121824)	15.92734 (06121824)
3726895.4	13.22173m(05021724)	13.68902 (06121824)	14.21553 (06121824)	14.76634 (06121824)	15.34679m(09121824)
3726885.4	12.80591 (06121824)	13.26680 (06121824)	13.74417 (06121824)	14.26401m(09121824)	14.83218m(09121824)
3726875.4	12.42292 (06121824)	12.84216 (06121824)	13.31064m(09121824)	13.80990m(09121824)	14.35542 (06020824)
3726865.4	12.05226 (06010624)	12.46941m(09121824)	12.90886 (06020824)	13.39301 (06020824)	13.88959 (06020824)
3726855.4	11.72275 (06010624)	12.11042 (06020824)	12.53832 (06020824)	12.97869 (06020824)	13.42678 (06020824)
3726845.4	11.40090 (06010624)	11.77697 (06020824)	12.16762 (06020824)	12.56679 (06020824)	12.96987 (06020824)
3726835.4	11.09349 (06020824)	11.44336 (06020824)	11.79885 (06020824)	12.15964 (06020824)	12.52130 (06020824)
3726825.4	10.79177 (06020824)	11.11131 (06020824)	11.43394 (06020824)	11.75925 (06020824)	12.09332m(09121824)
3726815.4	10.49131 (06020824)	10.78241 (06020824)	11.07584 (06010624)	11.38485 (06010624)	11.70038 (06010624)
3726805.4	10.19986 (06010624)	10.47056 (06010624)	10.74855 (06010624)	11.03497 (06010624)	11.32647 (06010624)
3726795.4	9.92238 (06010624)	10.17496 (06010624)	10.43363 (06010624)	10.69937 (06010624)	10.96898 (06010624)
3726785.4	9.65409 (06010624)	9.88993 (06010624)	10.13081 (06010624)	10.37763 (06010624)	10.62733 (06010624)
3726775.4	9.39492 (06010624)	9.61529 (06010624)	9.83981 (06010624)	10.06930 (06010624)	10.30085 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	23.75934m(09121824)	25.46716m(09121824)	27.40389m(09121824)	29.63238m(09121824)	32.21100m(09121824)
3727055.4	23.67550m(09121824)	25.39768m(09121824)	27.35781m(09121824)	29.62436m(09121824)	32.26289m(09121824)
3727045.4	23.53598m(09121824)	25.25493m(09121824)	27.22385m(09121824)	29.51021m(09121824)	32.18596m(09121824)
3727035.4	23.32698m(09121824)	25.03507m(09121824)	26.99593m(09121824)	29.28025m(09121824)	31.96475m(09121824)
3727025.4	23.05321m(09121824)	24.73632m(09121824)	26.67064m(09121824)	28.92826m(09121824)	31.58815m(09121824)
3727015.4	22.72178m(09121824)	24.36652m(09121824)	26.25644m(09121824)	28.46257m(09121824)	31.06322m(09121824)
3727005.4	22.42666m(05021724)	23.94064m(05021724)	25.74875m(09121824)	27.87766m(09121824)	30.38278m(09121824)
3726995.4	22.07942m(05021724)	23.52326m(05021724)	25.15989m(05021724)	27.18367m(09121824)	29.56025m(09121824)
3726985.4	21.65230m(05021724)	23.01646m(05021724)	24.55399m(05021724)	26.39615m(09121824)	28.61758m(09121824)
3726975.4	21.14397m(05021724)	22.42002m(05021724)	23.84418m(05021724)	25.53462m(09121824)	27.58283m(09121824)
3726965.4	20.56736m(05021724)	21.74267m(05021724)	23.04372m(05021724)	24.62813 (06121824)	26.48676m(09121824)
3726955.4	19.92762m(05021724)	20.99714m(05021724)	22.27055 (06121824)	23.73654 (06121824)	25.36418 (06121824)
3726945.4	19.23653m(05021724)	20.27444 (06121824)	21.46976 (06121824)	22.77491 (06121824)	24.22685m(09121824)
3726935.4	18.56351 (06121824)	19.55294 (06121824)	20.62341 (06121824)	21.77044 (06121824)	23.11093m(09121824)
3726925.4	17.92155 (06121824)	18.80639 (06121824)	19.75136 (06121824)	20.83501m(09121824)	22.02755m(09121824)
3726915.4	17.26032 (06121824)	18.04485 (06121824)	18.94996m(09121824)	19.93068m(09121824)	20.98773m(09121824)
3726905.4	16.59123m(09121824)	17.35851m(09121824)	18.18363m(09121824)	19.06153m(09121824)	19.99818m(09121824)
3726895.4	16.00326m(09121824)	16.70336 (06020824)	17.46439 (06020824)	18.25182 (06020824)	19.06029 (06020824)
3726885.4	15.44918 (06020824)	16.10091 (06020824)	16.77599 (06020824)	17.46613 (06020824)	18.17741m(09121824)
3726875.4	14.92172 (06020824)	15.50366 (06020824)	16.10001 (06020824)	16.70108 (06020824)	17.35059m(09121824)
3726865.4	14.39807 (06020824)	14.91579 (06020824)	15.44122 (06020824)	15.99011m(09121824)	16.57586m(09121824)
3726855.4	13.88181 (06020824)	14.34106 (06020824)	14.81893m(09121824)	15.32660m(09121824)	15.84774m(09121824)
3726845.4	13.37596 (06020824)	13.79270m(09121824)	14.24388m(09121824)	14.70189m(09121824)	15.16951m(09121824)
3726835.4	12.89207m(09121824)	13.28976m(09121824)	13.69979m(09121824)	14.11399m(09121824)	14.53484m(09121824)
3726825.4	12.44826m(09121824)	12.81395m(09121824)	13.18528m(09121824)	13.56077m(09121824)	13.94067m(09121824)
3726815.4	12.02508m(09121824)	12.36003m(09121824)	12.69883m(09121824)	13.04008m(09121824)	13.38403m(09121824)
3726805.4	11.62384 (06010624)	11.92912m(09121824)	12.23888m(09121824)	12.54978m(09121824)	12.86207m(09121824)
3726795.4	11.24319 (06010624)	11.52260 (06010624)	11.80388m(09121824)	12.08781m(09121824)	12.37216m(09121824)
3726785.4	10.88056 (06010624)	11.13787 (06010624)	11.39583 (06010624)	11.65336 (06010624)	11.91181m(09121824)
3726775.4	10.53507 (06010624)	10.77246 (06010624)	11.00981 (06010624)	11.24615 (06010624)	11.48161 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	35.21334m(09121824)	38.76930m(09121824)	43.01720m(09121824)	48.15545m(09121824)	54.42966m(09121824)
3727055.4	35.36924m(09121824)	39.07304m(09121824)	43.53622m(09121824)	49.03567m(09121824)	55.90363m(09121824)
3727045.4	35.35809m(09121824)	39.17508m(09121824)	43.84762m(09121824)	49.67862m(09121824)	57.11849m(09121824)
3727035.4	35.16540m(09121824)	39.04703m(09121824)	43.86887m(09121824)	49.95943m(09121824)	57.90191m(09121824)
3727025.4	34.78455m(09121824)	38.66948m(09121824)	43.51651m(09121824)	49.73591m(09121824)	58.03462m(09121824)
3727015.4	34.17945m(09121824)	38.00466m(09121824)	42.78021m(09121824)	48.95368m(09121824)	57.29417m(09121824)
3727005.4	33.37907m(09121824)	37.05069m(09121824)	41.62744m(09121824)	47.54017m(09121824)	55.53762m(09121824)
3726995.4	32.38820m(09121824)	35.83198m(09121824)	40.09101m(09121824)	45.53830m(09121824)	52.80782m(09121824)
3726985.4	31.25018m(09121824)	34.39778m(09121824)	38.25029m(09121824)	43.08492m(09121824)	49.36491m(09121824)
3726975.4	29.98373m(09121824)	32.81372m(09121824)	36.21393m(09121824)	40.37344m(09121824)	45.58627m(09121824)
3726965.4	28.64621m(09121824)	31.14964m(09121824)	34.09416m(09121824)	37.59355m(09121824)	41.81279m(09121824)
3726955.4	27.28053m(09121824)	29.46861m(09121824)	31.98505m(09121824)	34.89121m(09121824)	38.26515m(09121824)
3726945.4	25.92283m(09121824)	27.82019m(09121824)	29.95508m(09121824)	32.35526m(09121824)	35.05003m(09121824)
3726935.4	24.60052m(09121824)	26.23881m(09121824)	28.04512m(09121824)	30.02738m(09121824)	32.19168m(09121824)
3726925.4	23.32648m(09121824)	24.74515m(09121824)	26.27463m(09121824)	27.91840m(09121824)	29.66388m(09121824)
3726915.4	22.12478m(09121824)	23.34356m(09121824)	24.64220m(09121824)	26.01353m(09121824)	27.44237m(09121824)
3726905.4	20.99439m(09121824)	22.04880m(09121824)	23.15699m(09121824)	24.30406m(09121824)	25.48701m(09121824)
3726895.4	19.93237m(09121824)	20.84753m(09121824)	21.79808m(09121824)	22.77511m(09121824)	23.75991m(09121824)
3726885.4	18.94689m(09121824)	19.74467m(09121824)	20.56049m(09121824)	21.39503m(09121824)	22.23277m(09121824)
3726875.4	18.02628m(09121824)	18.72468m(09121824)	19.43678m(09121824)	20.15093m(09121824)	20.86640m(09121824)
3726865.4	17.17446m(09121824)	17.78519m(09121824)	18.40696m(09121824)	19.02598m(09121824)	19.64243m(09121824)
3726855.4	16.38292m(09121824)	16.92254m(09121824)	17.46517m(09121824)	18.00541m(09121824)	18.54084m(09121824)
3726845.4	15.64427m(09121824)	16.12303m(09121824)	16.60193m(09121824)	17.07987m(09121824)	17.54493m(09121824)
3726835.4	14.96007m(09121824)	15.38687m(09121824)	15.81189m(09121824)	16.23129m(09121824)	16.64074m(09121824)
3726825.4	14.32290m(09121824)	14.70497m(09121824)	15.08400m(09121824)	15.45673m(09121824)	15.81958m(09121824)
3726815.4	13.72879m(09121824)	14.07219m(09121824)	14.41174m(09121824)	14.74468m(09121824)	15.06802m(09121824)
3726805.4	13.17408m(09121824)	13.48389m(09121824)	13.78936m(09121824)	14.08814m(09121824)	14.37773m(09121824)
3726795.4	12.65542m(09121824)	12.93592m(09121824)	13.21181m(09121824)	13.48110m(09121824)	13.74168m(09121824)
3726785.4	12.16975m(09121824)	12.42457m(09121824)	12.67467m(09121824)	12.91835m(09121824)	13.15383m(09121824)
3726775.4	11.71503 (06010624)	11.94654m(09121824)	12.17404m(09121824)	12.39536m(09121824)	12.60898m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	62.24156m(09121824)	72.08269m(09121824)	84.64933m(09121824)	101.02879m(09121824)	122.63861m(09121824)
3727055.4	64.64116m(09121824)	75.96015m(09121824)	90.90571m(09121824)	111.09654m(09121824)	138.86281m(09121824)
3727045.4	66.84760m(09121824)	79.90166m(09121824)	97.88098m(09121824)	123.39884m(09121824)	160.63448m(09121824)
3727035.4	68.60502m(09121824)	83.58545m(09121824)	105.48626m(09121824)	138.66312m(09121824)	191.53756m(09121824)
3727025.4	69.52648m(09121824)	86.36887m(09121824)	112.87557m(09121824)	157.59325m(09121824)	239.88006 (06120724)
3727015.4	69.10622m(09121824)	87.15664m(09121824)	117.88851m(09121824)	179.20745m(09121824)	209.09111 (09122024)
3727005.4	66.92348m(09121824)	84.60894m(09121824)	116.20433m(09121824)	190.33068 (06120724)	167.62423 (06120724)
3726995.4	62.96182m(09121824)	78.28592m(09121824)	104.30382m(09121824)	158.00809 (06120724)	117.13981m(09121824)
3726985.4	57.78362m(09121824)	69.64228m(09121824)	87.27979m(09121824)	114.16333m(09121824)	149.47301 (06120724)
3726975.4	52.21152m(09121824)	60.79291m(09121824)	71.84910m(09121824)	85.42249m(09121824)	98.86939m(09121824)
3726965.4	46.88518m(09121824)	52.94928m(09121824)	60.02118m(09121824)	67.54802m(09121824)	74.29761m(09121824)
3726955.4	42.12942m(09121824)	46.46426m(09121824)	51.16985m(09121824)	55.81979m(09121824)	59.80274m(09121824)
3726945.4	38.01276m(09121824)	41.18565m(09121824)	44.44330m(09121824)	47.57008m(09121824)	50.20619m(09121824)
3726935.4	34.49484m(09121824)	36.87697m(09121824)	39.24609m(09121824)	41.45368m(09121824)	43.32588m(09121824)
3726925.4	31.48314m(09121824)	33.32757m(09121824)	35.11362m(09121824)	36.75750m(09121824)	38.15803m(09121824)
3726915.4	28.90310m(09121824)	30.35738m(09121824)	31.74555m(09121824)	33.01467m(09121824)	34.10262m(09121824)
3726905.4	26.67851m(09121824)	27.84924m(09121824)	28.95560m(09121824)	29.96379m(09121824)	30.84223m(09121824)
3726895.4	24.74594m(09121824)	25.70552m(09121824)	26.60614m(09121824)	27.43271m(09121824)	28.14519m(09121824)
3726885.4	23.05434m(09121824)	23.85315m(09121824)	24.59939m(09121824)	25.28466m(09121824)	25.88456m(09121824)
3726875.4	21.56290m(09121824)	22.23690m(09121824)	22.86962m(09121824)	23.44163m(09121824)	23.94967m(09121824)
3726865.4	20.23906m(09121824)	20.81445m(09121824)	21.35366m(09121824)	21.84603m(09121824)	22.28169m(09121824)
3726855.4	19.05666m(09121824)	19.55291m(09121824)	20.01748m(09121824)	20.44232m(09121824)	20.82000m(09121824)
3726845.4	17.99456m(09121824)	18.42641m(09121824)	18.83048m(09121824)	19.20419m(09121824)	19.53458m(09121824)
3726835.4	17.03556m(09121824)	17.41435m(09121824)	17.77211m(09121824)	18.09719m(09121824)	18.38857m(09121824)
3726825.4	16.16872m(09121824)	16.50332m(09121824)	16.81937m(09121824)	17.10700m(09121824)	17.36571m(09121824)
3726815.4	15.37861m(09121824)	15.67605m(09121824)	15.95707m(09121824)	16.21320m(09121824)	16.44432m(09121824)
3726805.4	14.65554m(09121824)	14.92145m(09121824)	15.17278m(09121824)	15.40216m(09121824)	15.60978m(09121824)
3726795.4	13.99139m(09121824)	14.23032m(09121824)	14.45626m(09121824)	14.66276m(09121824)	14.85017m(09121824)
3726785.4	13.37927m(09121824)	13.59496m(09121824)	13.79903m(09121824)	13.98579m(09121824)	14.15571m(09121824)
3726775.4	12.81336m(09121824)	13.01072m(09121824)	13.19399m(09121824)	13.36360m(09121824)	13.51828m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	152.16888m(09121824)	195.04140m(09121824)	262.95417m(09121824)	280.38135 (06120724)	237.33081m(09121824)
3727055.4	178.90586m(09121824)	241.67688m(09121824)	357.25817 (06120724)	226.54334m(09121824)	170.75449m(09121824)
3727045.4	218.42400m(09121824)	321.82730 (06120724)	213.14919m(09121824)	163.63686m(09121824)	227.73934m(09121824)
3727035.4	284.34888 (06120724)	194.92252m(09121824)	152.76490m(09121824)	224.08876 (06120724)	278.42353 (06120724)
3727025.4	166.68908m(09121824)	227.71107 (06120724)	215.09784 (06120724)	284.47454 (06120724)	275.55007 (06120724)
3727015.4	178.40703 (06120724)	192.64204 (06120724)	284.36384 (06120724)	281.72874 (06120724)	205.76164m(09121824)
3727005.4	119.79786m(09121824)	150.80965 (06120724)	279.47295 (06120724)	201.59210m(09121824)	159.21952m(09121824)
3726995.4	150.64145 (06120724)	252.52004 (06120724)	186.86419m(09121824)	150.09327m(09121824)	125.95581m(09121824)
3726985.4	166.96921 (06120724)	152.42605m(09121824)	131.90151m(09121824)	114.89524m(09121824)	101.41059m(09121824)
3726975.4	106.12315m(09121824)	104.71516m(09121824)	98.19438m(09121824)	90.51637m(09121824)	83.10529m(09121824)
3726965.4	78.37579m(09121824)	79.05066m(09121824)	76.99124m(09121824)	73.44045m(09121824)	69.35550m(09121824)
3726955.4	62.47480m(09121824)	63.41934m(09121824)	62.86737m(09121824)	61.21810m(09121824)	58.95506m(09121824)
3726945.4	52.06064m(09121824)	52.96569m(09121824)	52.97822m(09121824)	52.23527m(09121824)	50.96855m(09121824)
3726935.4	44.70493m(09121824)	45.49976m(09121824)	45.72769m(09121824)	45.43045m(09121824)	44.74059m(09121824)
3726925.4	39.22692m(09121824)	39.91047m(09121824)	40.20080m(09121824)	40.13137m(09121824)	39.76281m(09121824)
3726915.4	34.95640m(09121824)	35.55291m(09121824)	35.86261m(09121824)	35.91055m(09121824)	35.72839m(09121824)
3726905.4	31.54099m(09121824)	32.04573m(09121824)	32.35681m(09121824)	32.46387m(09121824)	32.39247m(09121824)
3726895.4	28.73450m(09121824)	29.17161m(09121824)	29.46333m(09121824)	29.59857m(09121824)	29.59366m(09121824)
3726885.4	26.37760m(09121824)	26.76435m(09121824)	27.03342m(09121824)	27.17995m(09121824)	27.21488m(09121824)
3726875.4	24.37737m(09121824)	24.71656m(09121824)	24.96283m(09121824)	25.11136m(09121824)	25.16980m(09121824)
3726865.4	22.65230m(09121824)	22.95174m(09121824)	23.17253m(09121824)	23.32189m(09121824)	23.39369m(09121824)
3726855.4	21.14426m(09121824)	21.41037m(09121824)	21.61545m(09121824)	21.75851m(09121824)	21.83728m(09121824)
3726845.4	19.82045m(09121824)	20.05811m(09121824)	20.24522m(09121824)	20.38080m(09121824)	20.46250m(09121824)
3726835.4	18.64546m(09121824)	18.85882m(09121824)	19.02978m(09121824)	19.15746m(09121824)	19.23953m(09121824)
3726825.4	17.59516m(09121824)	17.78759m(09121824)	17.94411m(09121824)	18.06389m(09121824)	18.14474m(09121824)
3726815.4	16.65040m(09121824)	16.82469m(09121824)	16.96827m(09121824)	17.08041m(09121824)	17.15903m(09121824)
3726805.4	15.79578m(09121824)	15.95425m(09121824)	16.08625m(09121824)	16.19110m(09121824)	16.26688m(09121824)
3726795.4	15.01879m(09121824)	15.16339m(09121824)	15.28500m(09121824)	15.38300m(09121824)	15.45562m(09121824)
3726785.4	14.30918m(09121824)	14.44157m(09121824)	14.55383m(09121824)	14.64544m(09121824)	14.71474m(09121824)
3726775.4	13.65847m(09121824)	13.78003m(09121824)	13.88388m(09121824)	13.96954m(09121824)	14.03549m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	277.60793 (06120724)	227.89306m(09121824)	331.95758 (06120724)	240.90471m(09121824)	190.05378m(09121824)
3727055.4	228.54265m(09121824)	352.00592 (06120724)	249.75984m(09121824)	194.43264m(09121824)	159.61466m(09121824)
3727045.4	270.46030 (06120724)	258.51176m(09121824)	198.80287m(09121824)	161.70357m(09121824)	136.58865m(09121824)
3727035.4	267.22334m(09121824)	202.47378m(09121824)	163.38582m(09121824)	137.14264m(09121824)	118.40228m(09121824)
3727025.4	205.15043m(09121824)	164.01993m(09121824)	137.04212m(09121824)	117.86128m(09121824)	103.54178m(09121824)
3727015.4	163.09252m(09121824)	135.57552m(09121824)	116.43274m(09121824)	102.19255m(09121824)	91.16314m(09121824)
3727005.4	132.32776m(09121824)	113.69310m(09121824)	99.89410m(09121824)	89.21641m(09121824)	80.69232m(09121824)
3726995.4	108.93798m(09121824)	96.21727m(09121824)	86.28270m(09121824)	78.29544m(09121824)	71.72885m(09121824)
3726985.4	90.75055m(09121824)	82.16111m(09121824)	75.05522m(09121824)	69.10721m(09121824)	64.06753m(09121824)
3726975.4	76.51970m(09121824)	70.73428m(09121824)	65.69209m(09121824)	61.31927m(09121824)	57.47505m(09121824)
3726965.4	65.30876m(09121824)	61.45064m(09121824)	57.91917m(09121824)	54.68913m(09121824)	51.77603m(09121824)
3726955.4	56.45898m(09121824)	53.91213m(09121824)	51.41447m(09121824)	49.05981m(09121824)	46.83847m(09121824)
3726945.4	49.42209m(09121824)	47.72581m(09121824)	45.98370m(09121824)	44.24783m(09121824)	42.54300m(09121824)
3726935.4	43.76335m(09121824)	42.62906m(09121824)	41.39419m(09121824)	40.11234m(09121824)	38.82025m(09121824)
3726925.4	39.16301m(09121824)	38.39572m(09121824)	37.51516m(09121824)	36.56414m(09121824)	35.57490m(09121824)
3726915.4	35.35628m(09121824)	34.83573m(09121824)	34.20488m(09121824)	33.49628m(09121824)	32.73627m(09121824)
3726905.4	32.16686m(09121824)	31.81397m(09121824)	31.36035m(09121824)	30.83008m(09121824)	30.24390m(09121824)
3726895.4	29.46349m(09121824)	29.22574m(09121824)	28.89885m(09121824)	28.50046m(09121824)	28.04652m(09121824)
3726885.4	27.14753m(09121824)	26.98967m(09121824)	26.75416m(09121824)	26.45385m(09121824)	26.10095m(09121824)
3726875.4	25.14410m(09121824)	25.04218m(09121824)	24.87308m(09121824)	24.64624m(09121824)	24.37089m(09121824)
3726865.4	23.39567m(09121824)	23.33324m(09121824)	23.21283m(09121824)	23.04138m(09121824)	22.82592m(09121824)
3726855.4	21.85761m(09121824)	21.82324m(09121824)	21.73880m(09121824)	21.60943m(09121824)	21.44053m(09121824)
3726845.4	20.49487m(09121824)	20.48054m(09121824)	20.42287m(09121824)	20.32571m(09121824)	20.19315m(09121824)
3726835.4	19.27966m(09121824)	19.27967m(09121824)	19.24201m(09121824)	19.16959m(09121824)	19.06555m(09121824)
3726825.4	18.18962m(09121824)	18.19984m(09121824)	18.17719m(09121824)	18.12387m(09121824)	18.04231m(09121824)
3726815.4	17.20658m(09121824)	17.22400m(09121824)	17.21263m(09121824)	17.17413m(09121824)	17.11040m(09121824)
3726805.4	16.31567m(09121824)	16.33811m(09121824)	16.33522m(09121824)	16.30827m(09121824)	16.25874m(09121824)
3726795.4	15.50463m(09121824)	15.53050m(09121824)	15.53397m(09121824)	15.51604m(09121824)	15.47787m(09121824)
3726785.4	14.76328m(09121824)	14.79139m(09121824)	14.79963m(09121824)	14.78877m(09121824)	14.75972m(09121824)
3726775.4	14.08310m(09121824)	14.11258m(09121824)	14.12436m(09121824)	14.11903m(09121824)	14.09733m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	157.18998m(09121824)	134.23424m(09121824)	117.17928m(09121824)	103.93033m(09121824)	93.34388m(09121824)
3727055.4	135.53683m(09121824)	117.88629m(09121824)	104.33167m(09121824)	93.55443m(09121824)	84.78703m(09121824)
3727045.4	118.32694m(09121824)	104.43478m(09121824)	93.51038m(09121824)	84.65653m(09121824)	77.35362m(09121824)
3727035.4	104.20915m(09121824)	93.14034m(09121824)	84.25182m(09121824)	76.93229m(09121824)	70.81476m(09121824)
3727025.4	92.39744m(09121824)	83.50178m(09121824)	76.23544m(09121824)	70.16473m(09121824)	65.01021m(09121824)
3727015.4	82.35321m(09121824)	75.18479m(09121824)	69.23253m(09121824)	64.17740m(09121824)	59.82074m(09121824)
3727005.4	73.72581m(09121824)	67.94577m(09121824)	63.06364m(09121824)	58.84253m(09121824)	55.15797m(09121824)
3726995.4	66.23282m(09121824)	61.60603m(09121824)	57.59144m(09121824)	54.06799m(09121824)	50.95279m(09121824)
3726985.4	59.74688m(09121824)	56.01610m(09121824)	52.71934m(09121824)	49.78149m(09121824)	47.14999m(09121824)
3726975.4	54.07579m(09121824)	51.07326m(09121824)	48.37087m(09121824)	45.92485m(09121824)	43.70459m(09121824)
3726965.4	49.10589m(09121824)	46.69475m(09121824)	44.48354m(09121824)	42.45000m(09121824)	40.57904m(09121824)
3726955.4	44.74463m(09121824)	42.81155m(09121824)	41.00478m(09121824)	39.31623m(09121824)	37.74129m(09121824)
3726945.4	40.91309m(09121824)	39.36439m(09121824)	37.88920m(09121824)	36.48814m(09121824)	35.16331m(09121824)
3726935.4	37.54217m(09121824)	36.30109m(09121824)	35.09659m(09121824)	33.93423m(09121824)	32.82003m(09121824)
3726925.4	34.57085m(09121824)	33.57510m(09121824)	32.59087m(09121824)	31.62605m(09121824)	30.68878m(09121824)
3726915.4	31.94540m(09121824)	31.14493m(09121824)	30.33954m(09121824)	29.53788m(09121824)	28.74886m(09121824)
3726905.4	29.61893m(09121824)	28.97384m(09121824)	28.31349m(09121824)	27.64640m(09121824)	26.98162m(09121824)
3726895.4	27.55089m(09121824)	27.02950m(09121824)	26.48680m(09121824)	25.93074m(09121824)	25.36994m(09121824)
3726885.4	25.70642m(09121824)	25.28368m(09121824)	24.83655m(09121824)	24.37214m(09121824)	23.89820m(09121824)
3726875.4	24.05570m(09121824)	23.71187m(09121824)	23.34251m(09121824)	22.95368m(09121824)	22.55228m(09121824)
3726865.4	22.57328m(09121824)	22.29278m(09121824)	21.98672m(09121824)	21.66026m(09121824)	21.31948m(09121824)
3726855.4	21.23741m(09121824)	21.00780m(09121824)	20.75338m(09121824)	20.47847m(09121824)	20.18841m(09121824)
3726845.4	20.02937m(09121824)	19.84081m(09121824)	19.62862m(09121824)	19.39643m(09121824)	19.14888m(09121824)
3726835.4	18.93317m(09121824)	18.77784m(09121824)	18.60031m(09121824)	18.40361m(09121824)	18.19175m(09121824)
3726825.4	17.93512m(09121824)	17.80682m(09121824)	17.65785m(09121824)	17.49071m(09121824)	17.30889m(09121824)
3726815.4	17.02351m(09121824)	16.91729m(09121824)	16.79192m(09121824)	16.64949m(09121824)	16.49303m(09121824)
3726805.4	16.18828m(09121824)	16.10017m(09121824)	15.99439m(09121824)	15.87268m(09121824)	15.73768m(09121824)
3726795.4	15.42078m(09121824)	15.34759m(09121824)	15.25813m(09121824)	15.15386m(09121824)	15.03707m(09121824)
3726785.4	14.71354m(09121824)	14.65269m(09121824)	14.57688m(09121824)	14.48733m(09121824)	14.38604m(09121824)
3726775.4	14.06010m(09121824)	14.00949m(09121824)	13.94514m(09121824)	13.86892m(09121824)	13.78002m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55ON ***
INCLUDING SOURCE(S): L0003183 , L0003184 , L0003185 , L0003186 , L0003187 ,
L0003188 , L0003189 , L0003190 , L0003191 , L0003192 , L0003193 , L0003194 , L0003195 ,
L0003196 , L0003197 , L0003198 , L0003199 , L0003200 , L0003201 , L0003202 , L0003203 ,
L0003204 , L0003205 , L0003206 , L0003207 , L0003208 , L0003209 , L0003210 , . . . ,

*** 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)
418554.30	3726952.94	59.17146m	(09121824)	418588.83	3726936.99	46.17676m	(09121824)
418621.06	3726898.60	29.82438m	(09121824)	418540.35	3726921.02	35.57953m	(09121824)
418517.77	3726916.44	30.89188m	(09121824)	418553.95	3726903.64	30.87217m	(09121824)
418569.20	3726897.12	29.72998m	(09121824)	418595.63	3726869.12	24.01672m	(09121824)
418474.33	3726881.10	19.93378m	(09121824)	418522.17	3726860.74	20.51949m	(09121824)
418450.23	3726839.32	14.96528m	(09121824)	418483.59	3726835.57	16.14302m	(09121824)
418436.23	3726824.73	13.53310m	(09121824)	418425.80	3726805.10	12.21857m	(09121824)
418595.95	3726915.31	35.67702m	(09121824)	418426.14	3726814.62	12.66602m	(09121824)
418536.67	3726953.06	53.88749m	(09121824)	418556.00	3726851.05	20.54367m	(09121824)
418418.06	3726821.00	12.68326m	(09121824)	418550.08	3726960.90	68.54747m	(09121824)
418422.83	3726819.47	12.78063m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	15.88678m(05021024)	16.32507m(05021024)	16.75907m(05021024)	17.18603m(05021024)	17.60208m(05021024)
3727055.4	16.45590m(07012024)	16.91648m(07012024)	17.37856m(07012024)	17.84605m(05021024)	18.30763m(05021024)
3727045.4	17.04749m(07012024)	17.55071m(07012024)	18.05736m(07012024)	18.56496m(07012024)	19.07126m(07012024)
3727035.4	17.66024m(07012024)	18.21117m(07012024)	18.76702m(07012024)	19.32596m(07012024)	19.88492m(07012024)
3727025.4	18.29331m(07012024)	18.89697m(07012024)	19.50787m(07012024)	20.12387m(07012024)	20.74225m(07012024)
3727015.4	18.94465m(07012024)	19.60654m(07012024)	20.27881m(07012024)	20.95950m(07012024)	21.64472m(07012024)
3727005.4	19.61256m(07012024)	20.33867m(07012024)	21.07957m(07012024)	21.83153m(07012024)	22.59203m(07012024)
3726995.4	20.29485m(07012024)	21.09111m(07012024)	21.90729m(07012024)	22.73926m(07012024)	23.58521m(07012024)
3726985.4	20.98857m(07012024)	21.86204m(07012024)	22.76010m(07012024)	23.68182m(07012024)	24.62187m(07012024)
3726975.4	21.69056m(07012024)	22.64665m(07012024)	23.63485m(07012024)	24.65478m(07012024)	25.70175m(07012024)
3726965.4	22.39755m(07012024)	23.44190m(07012024)	24.52905m(07012024)	25.65661m(07012024)	26.81996m(07012024)
3726955.4	23.22348m(09121824)	24.24367m(07012024)	25.43580m(07012024)	26.68048m(07012024)	27.97484m(07012024)
3726945.4	24.10858m(06010124)	25.16668m(09121824)	26.35128m(07012024)	27.72213m(07012024)	29.15824m(07012024)
3726935.4	25.22761m(06010124)	26.28695m(06010124)	27.40184m(06010124)	28.77781m(07012024)	30.36726m(07012024)
3726925.4	26.36933m(06010124)	27.54666m(06010124)	28.78933m(06010124)	30.10152m(06010124)	31.59287m(07012024)
3726915.4	27.51242m(06010124)	28.82201m(06010124)	30.21040m(06010124)	31.68410m(06010124)	33.24347m(06010124)
3726905.4	28.63147m(06010124)	30.08727m(06010124)	31.63797m(06010124)	33.29341m(06010124)	35.05607m(06010124)
3726895.4	29.69626m(06010124)	31.31063m(06010124)	33.03921m(06010124)	34.89570m(06010124)	36.88549m(06010124)
3726885.4	30.67340m(06010124)	32.45554m(06010124)	34.37493m(06010124)	36.44893m(06010124)	38.68789m(06010124)
3726875.4	31.52890m(06010124)	33.48325m(06010124)	35.60108m(06010124)	37.90460m(06010124)	40.40946m(06010124)
3726865.4	32.23149m(06010124)	34.35619m(06010124)	36.67311m(06010124)	39.21067m(06010124)	41.99048m(06010124)
3726855.4	32.75635m(06010124)	35.04188m(06010124)	37.55026m(06010124)	40.31657m(06010124)	43.37019m(06010124)
3726845.4	33.21229m(09121824)	35.51731m(06010124)	38.20028m(06010124)	41.17934m(06010124)	44.49241m(06010124)
3726835.4	34.00527m(09121824)	36.38776m(09121824)	39.05143m(09121824)	42.05338m(09121824)	45.43650m(09121824)
3726825.4	34.73558m(09121824)	37.23124m(09121824)	40.03196m(09121824)	43.20180m(09121824)	46.79171m(09121824)
3726815.4	35.39250m(09121824)	37.99040m(09121824)	40.91508m(09121824)	44.23700m(09121824)	48.01453m(09121824)
3726805.4	35.96612m(09121824)	38.65282m(09121824)	41.68502m(09121824)	45.13867m(09121824)	49.07847m(09121824)
3726795.4	36.44781m(09121824)	39.20765m(09121824)	42.32802m(09121824)	45.88913m(09121824)	49.96061m(09121824)
3726785.4	36.83055m(09121824)	39.64613m(09121824)	42.83304m(09121824)	46.47431m(09121824)	50.64280m(09121824)
3726775.4	37.10917m(09121824)	39.96192m(09121824)	43.19225m(09121824)	46.88443m(09121824)	51.11275m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	18.00352m(05021024)	18.38755m(05021024)	18.77447m(07012024)	19.14835m(07012024)	19.50210m(07012024)
3727055.4	18.75546m(05021024)	19.20017m(07012024)	19.63366m(07012024)	20.05078m(07012024)	20.44710m(07012024)
3727045.4	19.57345m(07012024)	20.06785m(07012024)	20.55043m(07012024)	21.01676m(07012024)	21.46179m(07012024)
3727035.4	20.44110m(07012024)	20.99061m(07012024)	21.52904m(07012024)	22.05166m(07012024)	22.55270m(07012024)
3727025.4	21.35955m(07012024)	21.97171m(07012024)	22.57400m(07012024)	23.16124m(07012024)	23.72673m(07012024)
3727015.4	22.33129m(07012024)	23.01498m(07012024)	23.69038m(07012024)	24.35180m(07012024)	24.99178m(07012024)
3727005.4	23.35728m(07012024)	24.12300m(07012024)	24.88226m(07012024)	25.62936m(07012024)	26.35587m(07012024)
3726995.4	24.43946m(07012024)	25.29755m(07012024)	26.15393m(07012024)	27.00023m(07012024)	27.82764m(07012024)
3726985.4	25.57763m(07012024)	26.54182m(07012024)	27.50926m(07012024)	28.47066m(07012024)	29.41606m(07012024)
3726975.4	26.77014m(07012024)	27.85623m(07012024)	28.95144m(07012024)	30.04651m(07012024)	31.13023m(07012024)
3726965.4	28.01712m(07012024)	29.24067m(07012024)	30.48266m(07012024)	31.73298m(07012024)	32.97908m(07012024)
3726955.4	29.31456m(07012024)	30.69360m(07012024)	32.10375m(07012024)	33.53418m(07012024)	34.97123m(07012024)
3726945.4	30.65784m(07012024)	32.21176m(07012024)	33.81374m(07012024)	35.45293m(07012024)	37.11409m(07012024)
3726935.4	32.03876m(07012024)	33.78797m(07012024)	35.60984m(07012024)	37.48933m(07012024)	39.41242m(07012024)
3726925.4	33.45325m(07012024)	35.41874m(07012024)	37.48588m(07012024)	39.64011m(07012024)	41.86860m(07012024)
3726915.4	34.89182m(06010124)	37.09233m(07012024)	39.43242m(07012024)	41.89901m(07012024)	44.48185m(07012024)
3726905.4	36.93341m(06010124)	38.92834m(06010124)	41.43723m(07012024)	44.25526m(07012024)	47.24501m(07012024)
3726895.4	39.02154m(06010124)	41.31197m(06010124)	43.76444m(06010124)	46.69218m(07012024)	50.14150m(07012024)
3726885.4	41.11048m(06010124)	43.73347m(06010124)	46.57232m(06010124)	49.63228m(06010124)	53.15451m(07012024)
3726875.4	43.14282m(06010124)	46.13034m(06010124)	49.40079m(06010124)	52.97008m(06010124)	56.86668m(06010124)
3726865.4	45.05009m(06010124)	48.42617m(06010124)	52.16469m(06010124)	56.29936m(06010124)	60.88709m(06010124)
3726855.4	46.75900m(06010124)	50.53471m(06010124)	54.76248m(06010124)	59.50062m(06010124)	64.83697m(06010124)
3726845.4	48.19888m(06010124)	52.36723m(06010124)	57.08475m(06010124)	62.43842m(06010124)	68.56121m(06010124)
3726835.4	49.31018m(06010124)	53.84313m(06010124)	59.02485m(06010124)	64.97372m(06010124)	71.89956m(06010124)
3726825.4	50.89584m(09121824)	55.63607m(09121824)	61.13504m(09121824)	67.58022m(09121824)	75.23917m(09121824)
3726815.4	52.35335m(09121824)	57.39173m(09121824)	63.27443m(09121824)	70.22198m(09121824)	78.55423m(09121824)
3726805.4	53.61998m(09121824)	58.91535m(09121824)	65.12794m(09121824)	72.50625m(09121824)	81.41391m(09121824)
3726795.4	54.66537m(09121824)	60.16605m(09121824)	66.63937m(09121824)	74.35417m(09121824)	83.70411m(09121824)
3726785.4	55.46585m(09121824)	61.11239m(09121824)	67.76642m(09121824)	75.70747m(09121824)	85.34299m(09121824)
3726775.4	56.00588m(09121824)	61.73448m(09121824)	68.48362m(09121824)	76.53342m(09121824)	86.28888m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	19.83216m(07012024)	20.13435m(07012024)	20.41349m(06012524)	20.69800m(06012524)	21.03208 (06122924)
3727055.4	20.81823m(07012024)	21.15993m(07012024)	21.46864m(07012024)	21.77244m(06012524)	22.10119 (06122924)
3727045.4	21.88054m(07012024)	22.26791m(07012024)	22.61912m(07012024)	22.93452m(06012524)	23.26082 (06122924)
3727035.4	23.02629m(07012024)	23.46657m(07012024)	23.86747m(07012024)	24.22440m(07012024)	24.56034m(06012524)
3727025.4	24.26388m(07012024)	24.76566m(07012024)	25.22544m(07012024)	25.63680m(07012024)	25.99375m(07012024)
3727015.4	25.60270m(07012024)	26.17649m(07012024)	26.70510m(07012024)	27.18073m(07012024)	27.59594m(07012024)
3727005.4	27.05307m(07012024)	27.71153m(07012024)	28.32160m(07012024)	28.87375m(07012024)	29.35875m(07012024)
3726995.4	28.62613m(07012024)	29.38469m(07012024)	30.09170m(07012024)	30.73555m(07012024)	31.30472m(07012024)
3726985.4	30.33412m(07012024)	31.21142m(07012024)	32.03449m(07012024)	32.78896m(07012024)	33.46042m(07012024)
3726975.4	32.18959m(07012024)	33.20878m(07012024)	34.17167m(07012024)	35.06077m(07012024)	35.85778m(07012024)
3726965.4	34.20613m(07012024)	35.39581m(07012024)	36.52833m(07012024)	37.58187m(07012024)	38.53366m(07012024)
3726955.4	36.39808m(07012024)	37.79261m(07012024)	39.13124m(07012024)	40.38684m(07012024)	41.53117m(07012024)
3726945.4	38.77837m(07012024)	40.41948m(07012024)	42.01044m(07012024)	43.51762m(07012024)	44.90439m(07012024)
3726935.4	41.35863m(07012024)	43.29906m(07012024)	45.20041m(07012024)	47.02148m(07012024)	48.71542m(07012024)
3726925.4	44.14945m(07012024)	46.45283m(07012024)	48.73652m(07012024)	50.95193m(07012024)	53.04066m(07012024)
3726915.4	47.15916m(07012024)	49.89889m(07012024)	52.65596m(07012024)	55.37066m(07012024)	57.96837m(07012024)
3726905.4	50.38882m(07012024)	53.65514m(07012024)	56.99608m(07012024)	60.34201m(07012024)	63.60447m(07012024)
3726895.4	53.82885m(07012024)	57.72664m(07012024)	61.78909m(07012024)	65.94064m(07012024)	70.06936m(07012024)
3726885.4	57.46871m(07012024)	62.11693m(07012024)	67.05856m(07012024)	72.23201m(07012024)	77.51066m(07012024)
3726875.4	61.27003m(07012024)	66.79647m(07012024)	72.81786m(07012024)	79.27758m(07012024)	86.07351m(07012024)
3726865.4	65.96185m(06010124)	71.72205m(07012024)	79.03074m(07012024)	87.10689m(07012024)	95.90857m(07012024)
3726855.4	70.88071m(06010124)	77.78814m(06010124)	85.82308m(09121824)	95.68887m(07012024)	107.16199m(07012024)
3726845.4	75.68723m(06010124)	83.98028m(06010124)	93.68852m(09121824)	105.90417m(09121824)	120.62333m(09121824)
3726835.4	80.11808m(06010124)	89.91357m(06010124)	101.85176m(09121824)	116.88555m(09121824)	135.88367m(09121824)
3726825.4	84.46953m(09121824)	95.78181m(09121824)	109.91640m(09121824)	128.03085m(09121824)	151.93014m(09121824)
3726815.4	88.71002m(09121824)	101.33302m(09121824)	117.39662m(09121824)	138.48235m(09121824)	167.27939m(09121824)
3726805.4	92.35694m(09121824)	106.08956m(09121824)	123.77329m(09121824)	147.33748m(09121824)	180.14784m(09121824)
3726795.4	95.24012m(09121824)	109.78764m(09121824)	128.61619m(09121824)	153.84187m(09121824)	189.11855m(09121824)
3726785.4	97.24224m(09121824)	112.25302m(09121824)	131.66725m(09121824)	157.60104m(09121824)	193.62740m(09121824)
3726775.4	98.31112m(09121824)	113.42425m(09121824)	132.86848m(09121824)	158.60518m(09121824)	193.88501m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	21.35016 (06122924)	21.63802 (06122924)	21.89300 (06122924)	22.11324 (06122924)	22.29396 (06122924)
3727055.4	22.45388 (06122924)	22.77330 (06122924)	23.05637 (06122924)	23.30084 (06122924)	23.50122 (06122924)
3727045.4	23.65323 (06122924)	24.00892 (06122924)	24.32424 (06122924)	24.59650 (06122924)	24.81932 (06122924)
3727035.4	24.96029 (06122924)	25.35782 (06122924)	25.71144 (06122924)	26.01464 (06122924)	26.26322 (06122924)
3727025.4	26.38939 (06122924)	26.83547 (06122924)	27.23243 (06122924)	27.57255 (06122924)	27.85085 (06122924)
3727015.4	27.95741m(06012524)	28.45971 (06122924)	28.90583 (06122924)	29.29050 (06122924)	29.60331 (06122924)
3727005.4	29.77028m(07012024)	30.25201 (06122924)	30.75744 (06122924)	31.18956 (06122924)	31.54218 (06122924)
3726995.4	31.79086m(07012024)	32.23820 (06122924)	32.81385 (06122924)	33.30548 (06122924)	33.70538 (06122924)
3726985.4	34.03789m(07012024)	34.50968m(07012024)	35.10880 (06122924)	35.66856 (06122924)	36.12232 (06122924)
3726975.4	36.54809m(07012024)	37.11630m(07012024)	37.68144 (06122924)	38.32824 (06122924)	38.84855 (06122924)
3726965.4	39.36405m(07012024)	40.05371m(07012024)	40.58742 (06122924)	41.33475 (06122924)	41.93406 (06122924)
3726955.4	42.53844m(07012024)	43.38219m(07012024)	44.03899m(07012024)	44.76338 (06122924)	45.45648 (06122924)
3726945.4	46.13653m(07012024)	47.17818m(07012024)	47.99780m(07012024)	48.70181 (06122924)	49.51459 (06122924)
3726935.4	50.23681m(07012024)	51.53673m(07012024)	52.57032m(07012024)	53.30323m(07012024)	54.25632m(09121824)
3726925.4	54.93871m(07012024)	56.57890m(07012024)	57.89957m(07012024)	58.84780m(07012024)	59.93816m(09121824)
3726915.4	60.36350m(07012024)	62.46377m(07012024)	64.17777m(07012024)	65.42447m(07012024)	66.72761m(09121824)
3726905.4	66.66512m(07012024)	69.39426m(07012024)	71.65860m(07012024)	73.33085m(07012024)	74.96877m(09121824)
3726895.4	74.03331m(07012024)	77.64309m(07012024)	80.69759m(07012024)	82.99153m(07012024)	85.17237m(09121824)
3726885.4	82.70513m(07012024)	87.57228m(07012024)	91.79166m(07012024)	95.08862m(09121824)	98.10221m(09121824)
3726875.4	92.97539m(07012024)	99.69305m(07012024)	105.72710m(07012024)	110.88271m(09121824)	115.00367m(09121824)
3726865.4	105.24981m(07012024)	114.71606m(07012024)	123.68301m(09121824)	132.11363m(09121824)	138.08481m(09121824)
3726855.4	119.88521m(07012024)	133.85884m(09121824)	148.56079m(09121824)	161.96178m(09121824)	171.47108m(09121824)
3726845.4	138.34808m(09121824)	159.47801m(09121824)	183.26720m(09121824)	206.92059m(09121824)	224.19487m(09121824)
3726835.4	160.32371m(09121824)	192.14460m(09121824)	232.94010m(09121824)	279.98959m(09121824)	318.59250m(09121824)
3726825.4	184.69485m(09121824)	231.82460m(09121824)	303.39590m(09121824)	174.56565m(09121824)	193.44151m(09121824)
3726815.4	208.76569m(09121824)	273.77927m(09121824)	390.12719m(09121824)	224.84510m(09121824)	261.92424m(09121824)
3726805.4	228.67417m(09121824)	307.63647m(09121824)	232.40771m(09121824)	302.58005m(09121824)	164.22576m(09121824)
3726795.4	241.39955m(09121824)	325.54030m(09121824)	478.59541m(09121824)	175.71446m(09121824)	210.78333m(09121824)
3726785.4	246.27351m(09121824)	328.58995m(09121824)	470.11054m(09121824)	432.85685m(09121824)	282.66904m(09121824)
3726775.4	244.36064m(09121824)	321.06395m(09121824)	446.27514m(09121824)	394.80521m(09121824)	309.93413m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	22.43376 (06122924)	22.53253 (06122924)	22.58572 (06122924)	22.59487 (06122924)	22.55670 (06122924)
3727055.4	23.65584 (06122924)	23.76450 (06122924)	23.82204 (06122924)	23.83019 (06122924)	23.78520 (06122924)
3727045.4	24.99073 (06122924)	25.11045 (06122924)	25.17257 (06122924)	25.17909 (06122924)	25.12573 (06122924)
3727035.4	26.45376 (06122924)	26.58589 (06122924)	26.65280 (06122924)	26.65683 (06122924)	26.59312 (06122924)
3727025.4	28.06329 (06122924)	28.20934 (06122924)	28.28120 (06122924)	28.28158 (06122924)	28.20504 (06122924)
3727015.4	29.84090 (06122924)	29.99921 (06122924)	30.07634 (06122924)	30.07189 (06122924)	29.98197 (06122924)
3727005.4	31.80842 (06122924)	31.98415 (06122924)	32.06640 (06122924)	32.05505 (06122924)	31.94517 (06122924)
3726995.4	34.00528 (06122924)	34.19500 (06122924)	34.28213 (06122924)	34.26108 (06122924)	34.12600 (06122924)
3726985.4	36.46094 (06122924)	36.67704 (06122924)	36.76165 (06122924)	36.72700 (06122924)	36.55951 (06122924)
3726975.4	39.22712 (06122924)	39.46679 (06122924)	39.55230 (06122924)	39.49760 (06122924)	39.28902 (06122924)
3726965.4	42.36593 (06122924)	42.62924 (06122924)	42.71970 (06122924)	42.62943 (06122924)	42.37898m(09121824)
3726955.4	45.95566 (06122924)	46.24296 (06122924)	46.32388 (06122924)	46.19658m(09121824)	45.97462m(09121824)
3726945.4	50.08609 (06122924)	50.40374 (06122924)	50.49876m(09121824)	50.40010m(09121824)	50.09072m(09121824)
3726935.4	54.94214m(09121824)	55.33861m(09121824)	55.44261m(09121824)	55.26860m(09121824)	54.83779m(09121824)
3726925.4	60.74880m(09121824)	61.18574m(09121824)	61.24974m(09121824)	60.96160m(09121824)	60.35695m(09121824)
3726915.4	67.69293m(09121824)	68.16311m(09121824)	68.14815m(09121824)	67.68331m(09121824)	66.82572m(09121824)
3726905.4	76.12762m(09121824)	76.61700m(09121824)	76.45557m(09121824)	75.71328m(09121824)	74.48128m(09121824)
3726895.4	86.57358m(09121824)	87.04089m(09121824)	86.61815m(09121824)	85.43141m(09121824)	83.63388m(09121824)
3726885.4	99.81582m(09121824)	100.17185m(09121824)	99.27775m(09121824)	97.36466m(09121824)	94.69404m(09121824)
3726875.4	117.11592m(09121824)	117.16478m(09121824)	115.38628m(09121824)	112.24053m(09121824)	108.19926m(09121824)
3726865.4	140.73548m(09121824)	140.00331m(09121824)	136.46752m(09121824)	131.11404m(09121824)	124.84969m(09121824)
3726855.4	174.90143m(09121824)	172.13304m(09121824)	164.93904m(09121824)	155.54900m(09121824)	145.54136m(09121824)
3726845.4	228.83216m(09121824)	220.53078m(09121824)	204.89799m(09121824)	187.53192m(09121824)	171.40526m(09121824)
3726835.4	325.37364m(09121824)	299.33858m(09121824)	262.93856m(09121824)	229.94700m(09121824)	203.39041m(09121824)
3726825.4	205.27672m(09121824)	206.73558m(09121824)	347.35145m(09121824)	284.81804m(09121824)	242.37888m(09121824)
3726815.4	284.97524m(09121824)	282.58808m(09121824)	460.42732m(09121824)	351.77588m(09121824)	288.11202m(09121824)
3726805.4	182.81512m(09121824)	195.28231m(09121824)	584.17471m(09121824)	427.70763m(09121824)	340.64644m(09121824)
3726795.4	246.11650m(09121824)	269.39019m(09121824)	462.11394m(09121824)	513.26146m(09121824)	401.16683m(09121824)
3726785.4	363.93707m(09121824)	387.50696m(09121824)	548.33979m(09121824)	616.93056m(09121824)	473.87098m(09121824)
3726775.4	344.47750m(09121824)	360.69675m(09121824)	365.66323m(09121824)	513.25994m(09121824)	568.21444m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	22.47771 (06122924)	22.35846 (06122924)	22.20107 (06122924)	22.00758 (06122924)	21.78292 (06122924)
3727055.4	23.69463 (06122924)	23.55917 (06122924)	23.38135 (06122924)	23.16363 (06122924)	22.92926m(09121824)
3727045.4	25.02128 (06122924)	24.86663 (06122924)	24.66482 (06122924)	24.41884 (06122924)	24.19140m(09121824)
3727035.4	26.47197 (06122924)	26.29452 (06122924)	26.06442 (06122924)	25.79313m(09121824)	25.56639m(09121824)
3727025.4	28.06357 (06122924)	27.85872 (06122924)	27.59496 (06122924)	27.32981m(09121824)	27.06808m(09121824)
3727015.4	29.81572 (06122924)	29.57520 (06122924)	29.27256m(09121824)	29.01611m(09121824)	28.71229m(09121824)
3727005.4	31.74856 (06122924)	31.47083 (06122924)	31.17370m(09121824)	30.87203m(09121824)	30.51730m(09121824)
3726995.4	33.89163 (06122924)	33.57141m(09121824)	33.27924m(09121824)	32.92047m(09121824)	32.50371m(09121824)
3726985.4	36.27874 (06122924)	35.96902m(09121824)	35.61686m(09121824)	35.18926m(09121824)	34.69690m(09121824)
3726975.4	38.98583m(09121824)	38.65256m(09121824)	38.22263m(09121824)	37.71020m(09121824)	37.12493m(09121824)
3726965.4	42.08357m(09121824)	41.66570m(09121824)	41.14011m(09121824)	40.51964m(09121824)	39.82079m(09121824)
3726955.4	45.59235m(09121824)	45.06791m(09121824)	44.41803m(09121824)	43.66418m(09121824)	42.82293m(09121824)
3726945.4	49.59143m(09121824)	48.92602m(09121824)	48.11921m(09121824)	47.19509m(09121824)	46.17670m(09121824)
3726935.4	54.18107m(09121824)	53.32904m(09121824)	52.31628m(09121824)	51.17448m(09121824)	49.93205m(09121824)
3726925.4	59.47988m(09121824)	58.37725m(09121824)	57.09457m(09121824)	55.67317m(09121824)	54.14881m(09121824)
3726915.4	65.64194m(09121824)	64.19908m(09121824)	62.55919m(09121824)	60.77618m(09121824)	58.89479m(09121824)
3726905.4	72.86143m(09121824)	70.95088m(09121824)	68.83434m(09121824)	66.58125m(09121824)	64.24640m(09121824)
3726895.4	81.38426m(09121824)	78.82361m(09121824)	76.06635m(09121824)	73.20014m(09121824)	70.28880m(09121824)
3726885.4	91.52046m(09121824)	88.04741m(09121824)	84.42538m(09121824)	80.75840m(09121824)	77.11536m(09121824)
3726875.4	103.65571m(09121824)	98.89434m(09121824)	94.10355m(09121824)	89.39377m(09121824)	84.82625m(09121824)
3726865.4	118.24927m(09121824)	111.67321m(09121824)	105.31047m(09121824)	99.25217m(09121824)	93.52648m(09121824)
3726855.4	135.83949m(09121824)	126.71148m(09121824)	118.26189m(09121824)	110.48283m(09121824)	103.32387m(09121824)
3726845.4	156.98519m(09121824)	144.34222m(09121824)	133.16732m(09121824)	123.23337m(09121824)	114.32961m(09121824)
3726835.4	182.22900m(09121824)	164.84550m(09121824)	150.22481m(09121824)	137.65109m(09121824)	126.66216m(09121824)
3726825.4	211.84215m(09121824)	188.44223m(09121824)	169.61422m(09121824)	153.89709m(09121824)	140.46240m(09121824)
3726815.4	246.06304m(09121824)	215.34200m(09121824)	191.55385m(09121824)	172.17797m(09121824)	155.91892m(09121824)
3726805.4	285.11088m(09121824)	246.06314m(09121824)	216.40660m(09121824)	192.82168m(09121824)	173.30804m(09121824)
3726795.4	330.43007m(09121824)	281.36714m(09121824)	245.00231m(09121824)	216.37088m(09121824)	193.04634m(09121824)
3726785.4	384.71488m(09121824)	323.51604m(09121824)	278.59252m(09121824)	243.88698m(09121824)	215.81056m(09121824)
3726775.4	453.34667m(09121824)	375.97303m(09121824)	319.78453m(09121824)	276.86317m(09121824)	242.80724m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	21.59104m(09121824)	21.39135m(09121824)	21.17122m(09121824)	20.93275m(09121824)	20.67740m(09121824)
3727055.4	22.72888m(09121824)	22.50358m(09121824)	22.25598m(09121824)	21.98846m(09121824)	21.70273m(09121824)
3727045.4	23.96348m(09121824)	23.70819m(09121824)	23.42858m(09121824)	23.12734m(09121824)	22.80606m(09121824)
3727035.4	25.30592m(09121824)	25.01539m(09121824)	24.69834m(09121824)	24.35783m(09121824)	23.99593m(09121824)
3727025.4	26.76893m(09121824)	26.43678m(09121824)	26.07577m(09121824)	25.68938m(09121824)	25.28027m(09121824)
3727015.4	28.36699m(09121824)	27.98551m(09121824)	27.57267m(09121824)	27.13248m(09121824)	26.66834m(09121824)
3727005.4	30.11665m(09121824)	29.67645m(09121824)	29.20230m(09121824)	28.69885m(09121824)	28.17039m(09121824)
3726995.4	32.03729m(09121824)	31.52647m(09121824)	30.97954m(09121824)	30.40148m(09121824)	29.79768m(09121824)
3726985.4	34.14998m(09121824)	33.55478m(09121824)	32.92112m(09121824)	32.25484m(09121824)	31.56258m(09121824)
3726975.4	36.48004m(09121824)	35.78312m(09121824)	35.04581m(09121824)	34.27492m(09121824)	33.47863m(09121824)
3726965.4	39.05616m(09121824)	38.23617m(09121824)	37.37459m(09121824)	36.47941m(09121824)	35.56057m(09121824)
3726955.4	41.91120m(09121824)	40.94177m(09121824)	39.93085m(09121824)	38.88773m(09121824)	37.82441m(09121824)
3726945.4	45.08280m(09121824)	43.93129m(09121824)	42.74050m(09121824)	41.52112m(09121824)	40.28738m(09121824)
3726935.4	48.61368m(09121824)	47.23985m(09121824)	45.83209m(09121824)	44.40258m(09121824)	42.96790m(09121824)
3726925.4	52.55184m(09121824)	50.90638m(09121824)	49.23682m(09121824)	47.55691m(09121824)	45.88555m(09121824)
3726915.4	56.95129m(09121824)	54.97340m(09121824)	52.98842m(09121824)	51.01057m(09121824)	49.06097m(09121824)
3726905.4	61.87163m(09121824)	59.48753m(09121824)	57.12287m(09121824)	54.79165m(09121824)	52.51593m(09121824)
3726895.4	67.37796m(09121824)	64.49854m(09121824)	61.67869m(09121824)	58.92972m(09121824)	56.27330m(09121824)
3726885.4	73.54026m(09121824)	70.05944m(09121824)	66.69624m(09121824)	63.45599m(09121824)	60.35730m(09121824)
3726875.4	80.43272m(09121824)	76.22609m(09121824)	72.21816m(09121824)	68.40338m(09121824)	64.79353m(09121824)
3726865.4	88.13296m(09121824)	83.05724m(09121824)	78.28951m(09121824)	73.80675m(09121824)	69.60975m(09121824)
3726855.4	96.72214m(09121824)	90.61552m(09121824)	84.95938m(09121824)	79.70457m(09121824)	74.83554m(09121824)
3726845.4	106.28666m(09121824)	98.96959m(09121824)	92.28266m(09121824)	86.14051m(09121824)	80.50532m(09121824)
3726835.4	116.92394m(09121824)	108.19889m(09121824)	100.32367m(09121824)	93.16594m(09121824)	86.65926m(09121824)
3726825.4	128.75353m(09121824)	118.40298m(09121824)	109.16241m(09121824)	100.84360m(09121824)	93.34527m(09121824)
3726815.4	141.93659m(09121824)	129.71379m(09121824)	118.90404m(09121824)	109.25352m(09121824)	100.62238m(09121824)
3726805.4	156.70308m(09121824)	142.31454m(09121824)	129.68943m(09121824)	118.50085m(09121824)	108.56503m(09121824)
3726795.4	173.38439m(09121824)	156.46220m(09121824)	141.71030m(09121824)	128.72309m(09121824)	117.26802m(09121824)
3726785.4	192.45771m(09121824)	172.51110m(09121824)	155.22710m(09121824)	140.10200m(09121824)	126.85161m(09121824)
3726775.4	214.65372m(09121824)	190.95880m(09121824)	170.58438m(09121824)	152.92098m(09121824)	137.46942m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BRIGGS ***
INCLUDING SOURCE(S): L0003293 , L0003294 , L0003295 , L0003296 , L0003297 ,
L0003298 , L0003299 , L0003300 , L0003301 ,

*** 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)
418554.30	3726952.94	46.86645	(06122924)	418588.83	3726936.99	54.37627m	(09121824)
418621.06	3726898.60	74.93159m	(09121824)	418540.35	3726921.02	62.12678m	(09121824)
418517.77	3726916.44	62.17526m	(07012024)	418553.95	3726903.64	77.66840m	(09121824)
418569.20	3726897.12	85.10346m	(09121824)	418595.63	3726869.12	118.49401m	(09121824)
418474.33	3726881.10	68.61344m	(07012024)	418522.17	3726860.74	130.06894m	(09121824)
418450.23	3726839.32	73.85443m	(06010124)	418483.59	3726835.57	112.91442m	(09121824)
418436.23	3726824.73	67.98528m	(09121824)	418425.80	3726805.10	65.08980m	(09121824)
418595.95	3726915.31	66.92304m	(09121824)	418426.14	3726814.62	63.56562m	(09121824)
418536.67	3726953.06	45.71359	(06122924)	418556.00	3726851.05	195.36524m	(09121824)
418418.06	3726821.00	57.56785m	(09121824)	418550.08	3726960.90	43.69111	(06122924)
418422.83	3726819.47	60.55889m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	214.70124m(09121824)	212.42152m(09121824)	209.89197m(09121824)	205.37444m(09121824)	200.31208m(09121824)
3727055.4	123.90986 (06122124)	122.90415 (06122124)	177.44575m(09121824)	182.99537m(09121824)	116.49803 (06122124)
3727045.4	134.36214 (06122124)	133.97453 (06122124)	208.45778m(09121824)	131.27466 (06122124)	127.76380 (06122124)
3727035.4	140.10369 (06122124)	140.85447 (06122124)	94.95108 (06122124)	138.09407 (06122124)	135.92055 (06122124)
3727025.4	139.13630m(09121824)	141.00741m(09121824)	158.92210m(09121824)	138.08756 (06122124)	138.20499m(09121824)
3727015.4	132.16637m(09121824)	134.17779m(09121824)	206.40653m(09121824)	132.02632m(09121824)	133.71736m(09121824)
3727005.4	184.39487m(09121824)	180.84542m(09121824)	176.09935m(09121824)	121.86914m(09121824)	184.12493m(09121824)
3726995.4	198.61529m(09121824)	199.37996m(09121824)	200.91445m(09121824)	202.56774m(09121824)	205.69733m(09121824)
3726985.4	159.74063m(09121824)	160.24751m(09121824)	160.98892m(09121824)	162.17581m(09121824)	163.80856m(09121824)
3726975.4	133.28891m(09121824)	133.59053m(09121824)	133.99277m(09121824)	134.68031m(09121824)	135.67767m(09121824)
3726965.4	114.10505m(09121824)	114.24617m(09121824)	114.48257m(09121824)	114.85585m(09121824)	115.34592m(09121824)
3726955.4	99.50782m(09121824)	99.53705m(09121824)	99.62168m(09121824)	99.77559m(09121824)	100.01323m(09121824)
3726945.4	88.00839m(09121824)	87.95634m(09121824)	87.93017m(09121824)	87.93659m(09121824)	87.97870m(09121824)
3726935.4	78.68783m(09121824)	78.57653m(09121824)	78.49241m(09121824)	78.39499m(09121824)	78.30466m(09121824)
3726925.4	70.98958m(09121824)	70.83521m(09121824)	70.67365m(09121824)	70.52058m(09121824)	70.34022m(09121824)
3726915.4	64.50440m(09121824)	64.31914m(09121824)	64.11788m(09121824)	63.91204m(09121824)	63.67108m(09121824)
3726905.4	58.96529m(09121824)	58.75857m(09121824)	58.53047m(09121824)	58.28912m(09121824)	58.00877m(09121824)
3726895.4	54.17986m(09121824)	53.95928m(09121824)	53.71400m(09121824)	53.45008m(09121824)	53.14562m(09121824)
3726885.4	50.00571m(09121824)	49.77713m(09121824)	49.52206m(09121824)	49.24522m(09121824)	48.92796m(09121824)
3726875.4	46.33482m(09121824)	46.10285m(09121824)	45.84367m(09121824)	45.56109m(09121824)	45.23920m(09121824)
3726865.4	43.08374m(09121824)	42.85184m(09121824)	42.59292m(09121824)	42.30991m(09121824)	41.98934m(09121824)
3726855.4	40.18724m(09121824)	39.95812m(09121824)	39.70265m(09121824)	39.42306m(09121824)	39.10798m(09121824)
3726845.4	37.59305m(09121824)	37.36885m(09121824)	37.11911m(09121824)	36.84578m(09121824)	36.53932m(09121824)
3726835.4	35.25821m(09121824)	35.04039m(09121824)	34.79807m(09121824)	34.53302m(09121824)	34.23725m(09121824)
3726825.4	33.14761m(09121824)	32.93709m(09121824)	32.70334m(09121824)	32.44802m(09121824)	32.16413m(09121824)
3726815.4	31.23196m(09121824)	31.02943m(09121824)	30.80498m(09121824)	30.56025m(09121824)	30.28898m(09121824)
3726805.4	29.48692m(09121824)	29.29278m(09121824)	29.07818m(09121824)	28.84436m(09121824)	28.58606m(09121824)
3726795.4	27.89198m(09121824)	27.70648m(09121824)	27.50185m(09121824)	27.27911m(09121824)	27.03386m(09121824)
3726785.4	26.42975m(09121824)	26.25301m(09121824)	26.05825m(09121824)	25.84654m(09121824)	25.61426m(09121824)
3726775.4	25.08553m(09121824)	24.91731m(09121824)	24.73228m(09121824)	24.53154m(09121824)	24.31175m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	195.02514m(09121824)	188.19424m(09121824)	180.53903m(09121824)	172.91445m(09121824)	165.03607m(09121824)
3727055.4	167.40950m(09121824)	165.31379m(09121824)	237.21555m(09121824)	154.31226m(09121824)	147.40460m(09121824)
3727045.4	198.10668m(09121824)	126.74369 (06122124)	120.02299 (06122124)	184.01749m(09121824)	179.09902m(09121824)
3727035.4	153.61179m(09121824)	134.39767 (06122124)	128.79890 (06122124)	139.99931m(09121824)	127.61022 (06122124)
3727025.4	91.98013 (06122124)	135.49268 (06122124)	132.73468 (06122124)	86.98500 (06122124)	130.65761 (06122124)
3727015.4	210.42241m(09121824)	130.08021m(09121824)	130.61067m(09121824)	146.59988m(09121824)	126.97140 (06122124)
3727005.4	180.87647m(09121824)	120.63537m(09121824)	122.70681m(09121824)	185.60889m(09121824)	118.68881m(09121824)
3726995.4	209.90214m(09121824)	214.95870m(09121824)	156.04824m(09121824)	156.97864m(09121824)	170.31515m(09121824)
3726985.4	166.13450m(09121824)	168.99389m(09121824)	172.79564m(09121824)	177.06725m(09121824)	181.73731m(09121824)
3726975.4	136.91524m(09121824)	138.57386m(09121824)	140.59349m(09121824)	142.89942m(09121824)	145.52475m(09121824)
3726965.4	116.04773m(09121824)	116.92824m(09121824)	117.99180m(09121824)	119.19605m(09121824)	120.55577m(09121824)
3726955.4	100.33789m(09121824)	100.74530m(09121824)	101.23228m(09121824)	101.77545m(09121824)	102.35454m(09121824)
3726945.4	88.08117m(09121824)	88.18658m(09121824)	88.30980m(09121824)	88.43037m(09121824)	88.52562m(09121824)
3726935.4	78.21790m(09121824)	78.12657m(09121824)	78.03682m(09121824)	77.89263m(09121824)	77.68747m(09121824)
3726925.4	70.14387m(09121824)	69.92319m(09121824)	69.68056m(09121824)	69.36890m(09121824)	68.98066m(09121824)
3726915.4	63.40266m(09121824)	63.09889m(09121824)	62.75987m(09121824)	62.34699m(09121824)	61.85311m(09121824)
3726905.4	57.69465m(09121824)	57.33974m(09121824)	56.94288m(09121824)	56.47298m(09121824)	55.92408m(09121824)
3726895.4	52.80463m(09121824)	52.42075m(09121824)	51.99266m(09121824)	51.49536m(09121824)	50.91969m(09121824)
3726885.4	48.57336m(09121824)	48.17629m(09121824)	47.73518m(09121824)	47.23010m(09121824)	46.65452m(09121824)
3726875.4	44.88063m(09121824)	44.48120m(09121824)	44.03954m(09121824)	43.53629m(09121824)	42.97717m(09121824)
3726865.4	41.63360m(09121824)	41.23927m(09121824)	40.80534m(09121824)	40.31653m(09121824)	39.77761m(09121824)
3726855.4	38.75974m(09121824)	38.37545m(09121824)	37.95450m(09121824)	37.48501m(09121824)	36.96858m(09121824)
3726845.4	36.20170m(09121824)	35.83073m(09121824)	35.42617m(09121824)	34.97849m(09121824)	34.48939m(09121824)
3726835.4	33.91237m(09121824)	33.55682m(09121824)	33.17067m(09121824)	32.74619m(09121824)	32.28513m(09121824)
3726825.4	31.85328m(09121824)	31.51610m(09121824)	31.14761m(09121824)	30.74674m(09121824)	30.31354m(09121824)
3726815.4	29.99284m(09121824)	29.67260m(09121824)	29.32402m(09121824)	28.94654m(09121824)	28.54049m(09121824)
3726805.4	28.30497m(09121824)	28.00165m(09121824)	27.67275m(09121824)	27.31805m(09121824)	26.93800m(09121824)
3726795.4	26.76770m(09121824)	26.48104m(09121824)	26.17130m(09121824)	25.83853m(09121824)	25.48304m(09121824)
3726785.4	25.36261m(09121824)	25.09215m(09121824)	24.80095m(09121824)	24.48892m(09121824)	24.15654m(09121824)
3726775.4	24.07414m(09121824)	23.81938m(09121824)	23.54573m(09121824)	23.25328m(09121824)	22.94258m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	156.77787m(09121824)	148.30941m(09121824)	139.46052m(09121824)	130.06528m(09121824)	120.38073m(09121824)
3727055.4	201.08770m(09121824)	189.14817m(09121824)	176.25664m(09121824)	162.34863m(09121824)	148.41561m(09121824)
3727045.4	108.58524 (06122124)	160.66208 (06122124)	148.43206 (06122124)	145.91920 (06122124)	192.60234m(09121824)
3727035.4	117.84208 (06122124)	121.13470 (06122124)	114.68971 (06122124)	100.38737 (06122124)	157.85863m(09121824)
3727025.4	124.05028 (06122124)	135.22488 (06122124)	120.09830 (06122124)	107.07907 (06122124)	106.90836 (06122124)
3727015.4	125.05369m(09121824)	77.75410 (06122124)	119.26636 (06122124)	110.95075 (06122124)	119.29767 (06122124)
3727005.4	120.53263m(09121824)	129.95362m(09121824)	112.82822 (06122124)	110.35099 (06122124)	120.41082m(09121824)
3726995.4	165.93227m(09121824)	166.93112m(09121824)	103.56932m(09121824)	104.86799m(09121824)	101.16169m(09121824)
3726985.4	187.89290m(09121824)	195.26432m(09121824)	204.33380m(09121824)	140.09647m(09121824)	143.55345m(09121824)
3726975.4	148.72219m(09121824)	152.42071m(09121824)	156.84336m(09121824)	162.21540m(09121824)	168.11898m(09121824)
3726965.4	122.14318m(09121824)	123.88662m(09121824)	125.78381m(09121824)	127.74690m(09121824)	129.50496m(09121824)
3726955.4	102.99269m(09121824)	103.59461m(09121824)	104.10742m(09121824)	104.39558m(09121824)	104.24242m(09121824)
3726945.4	88.58585m(09121824)	88.52860m(09121824)	88.29082m(09121824)	87.76047m(09121824)	86.76186m(09121824)
3726935.4	77.40575m(09121824)	76.97668m(09121824)	76.34430m(09121824)	75.42320m(09121824)	74.11068m(09121824)
3726925.4	68.49039m(09121824)	67.87041m(09121824)	67.05104m(09121824)	65.98272m(09121824)	64.59490m(09121824)
3726915.4	61.25728m(09121824)	60.53093m(09121824)	59.63923m(09121824)	58.54128m(09121824)	57.19635m(09121824)
3726905.4	55.27963m(09121824)	54.51866m(09121824)	53.61703m(09121824)	52.54456m(09121824)	51.28635m(09121824)
3726895.4	50.26244m(09121824)	49.50379m(09121824)	48.62765m(09121824)	47.61798m(09121824)	46.45706m(09121824)
3726885.4	46.00613m(09121824)	45.27069m(09121824)	44.43390m(09121824)	43.49354m(09121824)	42.43781m(09121824)
3726875.4	42.34754m(09121824)	41.64684m(09121824)	40.86488m(09121824)	39.99285m(09121824)	39.03299m(09121824)
3726865.4	39.17763m(09121824)	38.51425m(09121824)	37.78603m(09121824)	36.98394m(09121824)	36.11180m(09121824)
3726855.4	36.40410m(09121824)	35.78311m(09121824)	35.10545m(09121824)	34.36915m(09121824)	33.57639m(09121824)
3726845.4	33.95634m(09121824)	33.37721m(09121824)	32.75035m(09121824)	32.07746m(09121824)	31.35362m(09121824)
3726835.4	31.78584m(09121824)	31.24707m(09121824)	30.66780m(09121824)	30.04780m(09121824)	29.38774m(09121824)
3726825.4	29.84706m(09121824)	29.34641m(09121824)	28.81118m(09121824)	28.24155m(09121824)	27.63851m(09121824)
3726815.4	28.10521m(09121824)	27.64024m(09121824)	27.14554m(09121824)	26.62161m(09121824)	26.06946m(09121824)
3726805.4	26.53212m(09121824)	26.10032m(09121824)	25.64281m(09121824)	25.16029m(09121824)	24.65358m(09121824)
3726795.4	25.10470m(09121824)	24.70360m(09121824)	24.28024m(09121824)	23.83510m(09121824)	23.36912m(09121824)
3726785.4	23.80387m(09121824)	23.43124m(09121824)	23.03896m(09121824)	22.62767m(09121824)	22.19835m(09121824)
3726775.4	22.61386m(09121824)	22.26734m(09121824)	21.90346m(09121824)	21.52292m(09121824)	21.12665m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	110.67514m(09121824)	100.93224m(09121824)	91.59608 (06122124)	82.60001 (06122124)	74.18629 (06122124)
3727055.4	134.59168m(09121824)	120.92136 (06122124)	108.16430 (06122124)	95.77529 (06122124)	84.40499 (06122124)
3727045.4	171.80628m(09121824)	150.80926m(09121824)	131.68010 (06122124)	113.86681 (06122124)	97.57935 (06122124)
3727035.4	136.70280 (06122124)	126.63046 (06122124)	168.04102 (06122124)	140.44844 (06122124)	115.42225 (06122124)
3727025.4	98.70316 (06122124)	76.81441 (06122124)	63.19523 (06122124)	95.60696 (06122124)	75.83014 (06122124)
3727015.4	97.61275 (06122124)	75.93799 (06122124)	62.37681 (06122124)	98.94414 (06122124)	77.02426 (06122124)
3727005.4	90.76176 (06122124)	72.25780 (06122124)	60.03476 (06122124)	96.25401 (06122124)	75.24403 (06122124)
3726995.4	81.00709 (06122124)	66.75161 (06122124)	115.91907m(09121824)	88.43584 (06122124)	70.97988 (06122124)
3726985.4	71.14434 (06122124)	122.92607m(09121824)	97.02611m(09121824)	78.43539 (06122124)	65.19924 (06122124)
3726975.4	174.54651m(09121824)	96.32201m(09121824)	81.51761m(09121824)	68.92431m(09121824)	122.69149m(09121824)
3726965.4	130.46918m(09121824)	129.39188m(09121824)	123.59877m(09121824)	111.52874m(09121824)	96.08248m(09121824)
3726955.4	103.15243m(09121824)	100.47595m(09121824)	95.45380m(09121824)	87.86606m(09121824)	78.67728m(09121824)
3726945.4	85.01227m(09121824)	82.22512m(09121824)	78.15583m(09121824)	72.84451m(09121824)	66.68488m(09121824)
3726935.4	72.24838m(09121824)	69.70759m(09121824)	66.41834m(09121824)	62.43803m(09121824)	57.97920m(09121824)
3726925.4	62.81577m(09121824)	60.58619m(09121824)	57.89123m(09121824)	54.78088m(09121824)	51.37223m(09121824)
3726915.4	55.56814m(09121824)	53.63242m(09121824)	51.38855m(09121824)	48.87770m(09121824)	46.17238m(09121824)
3726905.4	49.81890m(09121824)	48.13527m(09121824)	46.24079m(09121824)	44.16634m(09121824)	41.96103m(09121824)
3726895.4	45.14340m(09121824)	43.67231m(09121824)	42.05169m(09121824)	40.30682m(09121824)	38.46482m(09121824)
3726885.4	41.26007m(09121824)	39.96821m(09121824)	38.56617m(09121824)	37.07401m(09121824)	35.51188m(09121824)
3726875.4	37.97810m(09121824)	36.83743m(09121824)	35.61479m(09121824)	34.32151m(09121824)	32.97696m(09121824)
3726865.4	35.16462m(09121824)	34.15142m(09121824)	33.07540m(09121824)	31.94568m(09121824)	30.77485m(09121824)
3726855.4	32.72342m(09121824)	31.81852m(09121824)	30.86437m(09121824)	29.86849m(09121824)	28.83978m(09121824)
3726845.4	30.58307m(09121824)	29.77104m(09121824)	28.91955m(09121824)	28.03620m(09121824)	27.12462m(09121824)
3726835.4	28.68943m(09121824)	27.95777m(09121824)	27.19534m(09121824)	26.40413m(09121824)	25.59135m(09121824)
3726825.4	27.00362m(09121824)	26.34114m(09121824)	25.65338m(09121824)	24.94180m(09121824)	24.21237m(09121824)
3726815.4	25.49047m(09121824)	24.88843m(09121824)	24.26530m(09121824)	23.62220m(09121824)	22.96421m(09121824)
3726805.4	24.12410m(09121824)	23.57522m(09121824)	23.00834m(09121824)	22.42472m(09121824)	21.82830m(09121824)
3726795.4	22.88370m(09121824)	22.38165m(09121824)	21.86417m(09121824)	21.33245m(09121824)	20.78961m(09121824)
3726785.4	21.75224m(09121824)	21.29166m(09121824)	20.81786m(09121824)	20.33165m(09121824)	19.83581m(09121824)
3726775.4	20.71565m(09121824)	20.29265m(09121824)	19.85693m(09121824)	19.41095m(09121824)	18.95659m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	66.58290 (06122124)	59.72193 (06122124)	53.70076 (06122124)	48.46011 (06122124)	43.92305 (06122124)
3727055.4	74.40777 (06122124)	65.57919 (06122124)	58.08538 (06122124)	51.74269 (06122124)	46.38118 (06122124)
3727045.4	83.86196 (06122124)	72.26792 (06122124)	62.74867 (06122124)	55.04597 (06122124)	48.73322 (06122124)
3727035.4	95.38727 (06122124)	79.57059 (06122124)	67.44114 (06122124)	58.15356 (06122124)	50.81437 (06122124)
3727025.4	109.28964 (06122124)	87.05011 (06122124)	71.67334 (06122124)	60.73433 (06122124)	52.41186 (06122124)
3727015.4	124.14009 (06122124)	93.38199 (06122124)	74.69982 (06122124)	62.29971 (06122124)	53.29537 (06122124)
3727005.4	62.00523 (06122124)	96.40390 (06122124)	75.64262 (06122124)	62.51094 (06122124)	53.22267 (06122124)
3726995.4	59.28632 (06122124)	94.10413 (06122124)	74.01457 (06122124)	61.20296 (06122124)	52.22994 (06122124)
3726985.4	114.12651m(09121824)	86.94544 (06122124)	69.98045 (06122124)	58.58269 (06122124)	50.36705 (06122124)
3726975.4	96.27340m(09121824)	77.46703 (06122124)	64.46104 (06122124)	54.99951 (06122124)	47.85603 (06122124)
3726965.4	81.06304m(09121824)	68.53360m(09121824)	58.59610m(09121824)	50.96413 (06122124)	44.98093 (06122124)
3726955.4	69.27924m(09121824)	60.68662m(09121824)	53.37428m(09121824)	47.23008m(09121824)	42.14320m(09121824)
3726945.4	60.28222m(09121824)	54.16212m(09121824)	48.64716m(09121824)	43.78981m(09121824)	39.59979m(09121824)
3726935.4	53.32825m(09121824)	48.76680m(09121824)	44.50561m(09121824)	40.62766m(09121824)	37.17158m(09121824)
3726925.4	47.82542m(09121824)	44.29805m(09121824)	40.92607m(09121824)	37.78197m(09121824)	34.90413m(09121824)
3726915.4	43.36694m(09121824)	40.55901m(09121824)	37.82847m(09121824)	35.23600m(09121824)	32.81712m(09121824)
3726905.4	39.67845m(09121824)	37.38258m(09121824)	35.12941m(09121824)	32.96127m(09121824)	30.90826m(09121824)
3726895.4	36.56807m(09121824)	34.65420m(09121824)	32.76308m(09121824)	30.92590m(09121824)	29.16677m(09121824)
3726885.4	33.90522m(09121824)	32.28422m(09121824)	30.67416m(09121824)	29.09930m(09121824)	27.57820m(09121824)
3726875.4	31.59833m(09121824)	30.20561m(09121824)	28.81804m(09121824)	27.45388m(09121824)	26.12739m(09121824)
3726865.4	29.57696m(09121824)	28.36674m(09121824)	27.15858m(09121824)	25.96558m(09121824)	24.79997m(09121824)
3726855.4	27.78882m(09121824)	26.72722m(09121824)	25.66564m(09121824)	24.61414m(09121824)	23.58263m(09121824)
3726845.4	26.19487m(09121824)	25.25572m(09121824)	24.31544m(09121824)	23.38201m(09121824)	22.46327m(09121824)
3726835.4	24.76344m(09121824)	23.92667m(09121824)	23.08823m(09121824)	22.25433m(09121824)	21.43143m(09121824)
3726825.4	23.47001m(09121824)	22.71990m(09121824)	21.96787m(09121824)	21.21867m(09121824)	20.47777m(09121824)
3726815.4	22.29491m(09121824)	21.61893m(09121824)	20.94073m(09121824)	20.26421m(09121824)	19.59403m(09121824)
3726805.4	21.22203m(09121824)	20.60993m(09121824)	19.99541m(09121824)	19.38176m(09121824)	18.77309m(09121824)
3726795.4	20.23821m(09121824)	19.68148m(09121824)	19.12232m(09121824)	18.56356m(09121824)	18.00853m(09121824)
3726785.4	19.33235m(09121824)	18.82406m(09121824)	18.31340m(09121824)	17.80272m(09121824)	17.29482m(09121824)
3726775.4	18.49529m(09121824)	18.02963m(09121824)	17.56174m(09121824)	17.09339m(09121824)	16.62715m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	40.00749 (06122124)	36.62228 (06122124)	33.68517 (06122124)	31.11673 (06122124)	28.87171 (06122124)
3727055.4	41.87348 (06122124)	38.05602 (06122124)	34.79923 (06122124)	31.99123 (06122124)	29.56602 (06122124)
3727045.4	43.58470 (06122124)	39.32526 (06122124)	35.75319 (06122124)	32.71692 (06122124)	30.12478 (06122124)
3727035.4	45.02156 (06122124)	40.34429 (06122124)	36.48622 (06122124)	33.25075 (06122124)	30.51723 (06122124)
3727025.4	46.04765 (06122124)	41.02266 (06122124)	36.93916 (06122124)	33.55341 (06122124)	30.71690 (06122124)
3727015.4	46.53187 (06122124)	41.26974 (06122124)	37.05327 (06122124)	33.59582 (06122124)	30.70588 (06122124)
3727005.4	46.36933 (06122124)	41.06571 (06122124)	36.82764 (06122124)	33.36482 (06122124)	30.47852 (06122124)
3726995.4	45.55578 (06122124)	40.38423 (06122124)	36.25129 (06122124)	32.86678 (06122124)	30.04174 (06122124)
3726985.4	44.15411 (06122124)	39.28934 (06122124)	35.36523 (06122124)	32.13302 (06122124)	29.42291 (06122124)
3726975.4	42.29892 (06122124)	37.85914 (06122124)	34.22821 (06122124)	31.20578 (06122124)	28.65264 (06122124)
3726965.4	40.15637 (06122124)	36.20575 (06122124)	32.91444 (06122124)	30.14029 (06122124)	27.77075 (06122124)
3726955.4	37.92320m(09121824)	34.43610 (06122124)	31.50313 (06122124)	28.99036 (06122124)	26.81777 (06122124)
3726945.4	36.00643m(09121824)	32.91397m(09121824)	30.24186m(09121824)	27.92026m(09121824)	25.89098m(09121824)
3726935.4	34.11502m(09121824)	31.42289m(09121824)	29.05132m(09121824)	26.95766m(09121824)	25.10305m(09121824)
3726925.4	32.30009m(09121824)	29.95901m(09121824)	27.86040m(09121824)	25.97994m(09121824)	24.29297m(09121824)
3726915.4	30.58744m(09121824)	28.54843m(09121824)	26.69240m(09121824)	25.00665m(09121824)	23.47656m(09121824)
3726905.4	28.98755m(09121824)	27.20588m(09121824)	25.56242m(09121824)	24.05179m(09121824)	22.66590m(09121824)
3726895.4	27.50129m(09121824)	25.93792m(09121824)	24.47944m(09121824)	23.12468m(09121824)	21.86976m(09121824)
3726885.4	26.12431m(09121824)	24.74614m(09121824)	23.44807m(09121824)	22.23114m(09121824)	21.09419m(09121824)
3726875.4	24.84992m(09121824)	23.62920m(09121824)	22.46997m(09121824)	21.37456m(09121824)	20.34330m(09121824)
3726865.4	23.67049m(09121824)	22.58394m(09121824)	21.54494m(09121824)	20.55654m(09121824)	19.61976m(09121824)
3726855.4	22.57804m(09121824)	21.60627m(09121824)	20.67182m(09121824)	19.77756m(09121824)	18.92497m(09121824)
3726845.4	21.56492m(09121824)	20.69199m(09121824)	19.84853m(09121824)	19.03712m(09121824)	18.25952m(09121824)
3726835.4	20.62408m(09121824)	19.83666m(09121824)	19.07251m(09121824)	18.33414m(09121824)	17.62336m(09121824)
3726825.4	19.74889m(09121824)	19.03567m(09121824)	18.34100m(09121824)	17.66718m(09121824)	17.01602m(09121824)
3726815.4	18.93324m(09121824)	18.28476m(09121824)	17.65117m(09121824)	17.03456m(09121824)	16.43673m(09121824)
3726805.4	18.17161m(09121824)	17.57992m(09121824)	17.00026m(09121824)	16.43461m(09121824)	15.88441m(09121824)
3726795.4	17.45908m(09121824)	16.91746m(09121824)	16.38568m(09121824)	15.86540m(09121824)	15.35791m(09121824)
3726785.4	16.79128m(09121824)	16.29405m(09121824)	15.80486m(09121824)	15.32511m(09121824)	14.85605m(09121824)
3726775.4	16.16433m(09121824)	15.70660m(09121824)	15.25540m(09121824)	14.81202m(09121824)	14.37768m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	26.89000 (06122124)	25.13649 (06122124)	23.57597 (06122124)	22.17497 (06122124)	20.91168 (06122124)
3727055.4	27.44555 (06122124)	25.58398 (06122124)	23.93808 (06122124)	22.46888 (06122124)	21.15064 (06122124)
3727045.4	27.87906 (06122124)	25.92187 (06122124)	24.20178 (06122124)	22.67447 (06122124)	21.31468 (06122124)
3727035.4	28.16847 (06122124)	26.13440 (06122124)	24.35591 (06122124)	22.78402 (06122124)	21.38960 (06122124)
3727025.4	28.29598 (06122124)	26.20979 (06122124)	24.39291 (06122124)	22.79295 (06122124)	21.37734 (06122124)
3727015.4	28.25088 (06122124)	26.14204 (06122124)	24.30998 (06122124)	22.70057 (06122124)	21.27867 (06122124)
3727005.4	28.03174 (06122124)	25.93228 (06122124)	24.10983 (06122124)	22.51047 (06122124)	21.09772 (06122124)
3726995.4	27.64583 (06122124)	25.58921 (06122124)	23.80071 (06122124)	22.23036 (06122124)	20.84171 (06122124)
3726985.4	27.11603 (06122124)	25.12834 (06122124)	23.39578 (06122124)	21.87148 (06122124)	20.52037 (06122124)
3726975.4	26.46562 (06122124)	24.57035 (06122124)	22.91170 (06122124)	21.44746 (06122124)	20.14506 (06122124)
3726965.4	25.72471 (06122124)	23.93854 (06122124)	22.36686 (06122124)	20.97299 (06122124)	19.72775 (06122124)
3726955.4	24.92378 (06122124)	23.25634 (06122124)	21.77948 (06122124)	20.46251 (06122124)	19.28002 (06122124)
3726945.4	24.10558m(09121824)	22.54493 (06122124)	21.16612 (06122124)	19.92908 (06122124)	18.81231 (06122124)
3726935.4	23.45358m(09121824)	21.98002m(09121824)	20.65785m(09121824)	19.46606m(09121824)	18.38698m(09121824)
3726925.4	22.77655m(09121824)	21.40941m(09121824)	20.17310m(09121824)	19.05134m(09121824)	18.02984m(09121824)
3726915.4	22.08710m(09121824)	20.82322m(09121824)	19.67143m(09121824)	18.61952m(09121824)	17.65600m(09121824)
3726905.4	21.39535m(09121824)	20.22976m(09121824)	19.15977m(09121824)	18.17620m(09121824)	17.27000m(09121824)
3726895.4	20.70908m(09121824)	19.63591m(09121824)	18.64385m(09121824)	17.72620m(09121824)	16.87587m(09121824)
3726885.4	20.03419m(09121824)	19.04700m(09121824)	18.12842m(09121824)	17.27357m(09121824)	16.47707m(09121824)
3726875.4	19.37499m(09121824)	18.46713m(09121824)	17.61721m(09121824)	16.82168m(09121824)	16.07661m(09121824)
3726865.4	18.73447m(09121824)	17.89939m(09121824)	17.11317m(09121824)	16.37330m(09121824)	15.67704m(09121824)
3726855.4	18.11463m(09121824)	17.34607m(09121824)	16.61863m(09121824)	15.93070m(09121824)	15.28041m(09121824)
3726845.4	17.51669m(09121824)	16.80871m(09121824)	16.13534m(09121824)	15.49574m(09121824)	14.88849m(09121824)
3726835.4	16.94137m(09121824)	16.28838m(09121824)	15.66462m(09121824)	15.06979m(09121824)	14.50269m(09121824)
3726825.4	16.38876m(09121824)	15.78569m(09121824)	15.20744m(09121824)	14.65389m(09121824)	14.12417m(09121824)
3726815.4	15.85869m(09121824)	15.30093m(09121824)	14.76435m(09121824)	14.24882m(09121824)	13.75389m(09121824)
3726805.4	15.35074m(09121824)	14.83420m(09121824)	14.33564m(09121824)	13.85513m(09121824)	13.39245m(09121824)
3726795.4	14.86432m(09121824)	14.38525m(09121824)	13.92144m(09121824)	13.47322m(09121824)	13.04032m(09121824)
3726785.4	14.39878m(09121824)	13.95369m(09121824)	13.52171m(09121824)	13.10316m(09121824)	12.69781m(09121824)
3726775.4	13.95322m(09121824)	13.53909m(09121824)	13.13628m(09121824)	12.74456m(09121824)	12.36517m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: EBAKER ***
INCLUDING SOURCE(S): L0003323 , L0003324 , L0003325 , L0003326 , L0003327 ,
L0003328 , L0003329 , L0003330 , L0003331 , L0003332 , L0003333 , L0003334 , L0003335 ,
L0003336 , L0003337 , L0003338 , L0003339 , L0003340 , L0003341 , L0003342 ,

*** 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)
418554.30	3726952.94	68.15178m	(09121824)	418588.83	3726936.99	40.01933m	(09121824)
418621.06	3726898.60	25.53974m	(09121824)	418540.35	3726921.02	50.66073m	(09121824)
418517.77	3726916.44	53.85127m	(09121824)	418553.95	3726903.64	39.51847m	(09121824)
418569.20	3726897.12	34.44423m	(09121824)	418595.63	3726869.12	25.31096m	(09121824)
418474.33	3726881.10	42.95050m	(09121824)	418522.17	3726860.74	32.38647m	(09121824)
418450.23	3726839.32	32.89374m	(09121824)	418483.59	3726835.57	30.22024m	(09121824)
418436.23	3726824.73	30.59878m	(09121824)	418425.80	3726805.10	27.62238m	(09121824)
418595.95	3726915.31	32.78686m	(09121824)	418426.14	3726814.62	29.17328m	(09121824)
418536.67	3726953.06	83.12549m	(09121824)	418556.00	3726851.05	27.05965m	(09121824)
418418.06	3726821.00	30.59842m	(09121824)	418550.08	3726960.90	82.22196m	(09121824)
418422.83	3726819.47	30.14856m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	23.18597 (06122924)	23.66541 (06122924)	24.13460 (06122924)	24.59318 (06122924)	25.03841 (06122924)
3727055.4	24.29917m(09121824)	24.82489 (06122924)	25.34112 (06122924)	25.84593 (06122924)	26.33797 (06122924)
3727045.4	25.50824m(09121824)	26.07251m(09121824)	26.64114 (06122924)	27.19895 (06122924)	27.74302 (06122924)
3727035.4	26.80912m(09121824)	27.43330m(09121824)	28.05172m(09121824)	28.66249 (06122924)	29.26646 (06122924)
3727025.4	28.21139m(09121824)	28.90326m(09121824)	29.59052m(09121824)	30.27104m(09121824)	30.94269m(09121824)
3727015.4	29.72585m(09121824)	30.49436m(09121824)	31.25980m(09121824)	32.02011m(09121824)	32.77249m(09121824)
3727005.4	31.36488m(09121824)	32.22051m(09121824)	33.07550m(09121824)	33.92659m(09121824)	34.77150m(09121824)
3726995.4	33.14257m(09121824)	34.09762m(09121824)	35.05512m(09121824)	36.01065m(09121824)	36.96277m(09121824)
3726985.4	35.07557m(09121824)	36.14558m(09121824)	37.21968m(09121824)	38.29675m(09121824)	39.37166m(09121824)
3726975.4	37.18290m(09121824)	38.38456m(09121824)	39.59423m(09121824)	40.81135m(09121824)	42.03097m(09121824)
3726965.4	39.48703m(09121824)	40.84088m(09121824)	42.20997m(09121824)	43.59025m(09121824)	44.97646m(09121824)
3726955.4	42.01416m(09121824)	43.54517m(09121824)	45.09890m(09121824)	46.67097m(09121824)	48.25644m(09121824)
3726945.4	44.79545m(09121824)	46.53355m(09121824)	48.30424m(09121824)	50.10241m(09121824)	51.92261m(09121824)
3726935.4	47.86719m(09121824)	49.84905m(09121824)	51.88070m(09121824)	53.94786m(09121824)	56.04846m(09121824)
3726925.4	51.27881m(09121824)	53.54984m(09121824)	55.88407m(09121824)	58.27938m(09121824)	60.71887m(09121824)
3726915.4	55.07962m(09121824)	57.69683m(09121824)	60.40123m(09121824)	63.19027m(09121824)	66.04437m(09121824)
3726905.4	59.33472m(09121824)	62.37035m(09121824)	65.52624m(09121824)	68.79975m(09121824)	72.16785m(09121824)
3726895.4	64.12375m(09121824)	67.67038m(09121824)	71.38358m(09121824)	75.26149m(09121824)	79.27680m(09121824)
3726885.4	69.54538m(09121824)	73.72299m(09121824)	78.13354m(09121824)	82.77712m(09121824)	87.62220m(09121824)
3726875.4	75.72265m(09121824)	80.68904m(09121824)	85.98493m(09121824)	91.61564m(09121824)	97.54277m(09121824)
3726865.4	82.81054m(09121824)	88.77618m(09121824)	95.21266m(09121824)	102.13359m(09121824)	109.50769m(09121824)
3726855.4	91.00624m(09121824)	98.25066m(09121824)	106.17851m(09121824)	114.83324m(09121824)	124.18976m(09121824)
3726845.4	100.55629m(09121824)	109.46722m(09121824)	119.39169m(09121824)	130.42405m(09121824)	142.58977m(09121824)
3726835.4	111.78906m(09121824)	122.90368m(09121824)	135.54687m(09121824)	149.93804m(09121824)	166.21653m(09121824)
3726825.4	125.12920m(09121824)	139.21194m(09121824)	155.65976m(09121824)	174.94268m(09121824)	197.59424m(09121824)
3726815.4	141.15005m(09121824)	159.28398m(09121824)	181.20368m(09121824)	208.06044m(09121824)	241.21837m(09121824)
3726805.4	160.60332m(09121824)	184.40722m(09121824)	214.59954m(09121824)	254.01488m(09121824)	306.03667m(09121824)
3726795.4	184.58313m(09121824)	216.59227m(09121824)	259.75596m(09121824)	321.90772m(09121824)	269.92963m(09121824)
3726785.4	214.82255m(09121824)	259.17091m(09121824)	323.32470m(09121824)	288.32944m(09121824)	321.48398m(09121824)
3726775.4	254.25687m(09121824)	318.34261m(09121824)	277.95408m(09121824)	210.16024m(09121824)	228.18999m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	25.46726 (06122924)	25.87922 (06122924)	26.27065 (06122924)	26.64071 (06122924)	26.98783 (06122924)
3727055.4	26.81321 (06122924)	27.27114 (06122924)	27.70756 (06122924)	28.12177 (06122924)	28.51048 (06122924)
3727045.4	28.27177 (06122924)	28.78077 (06122924)	29.26841 (06122924)	29.73758m(09121824)	30.19894m(09121824)
3727035.4	29.85395 (06122924)	30.42894m(09121824)	30.98938m(09121824)	31.53260m(09121824)	32.05616m(09121824)
3727025.4	31.60334m(09121824)	32.25087m(09121824)	32.88313m(09121824)	33.49844m(09121824)	34.09401m(09121824)
3727015.4	33.51482m(09121824)	34.24476m(09121824)	34.95992m(09121824)	35.65845m(09121824)	36.33728m(09121824)
3727005.4	35.60768m(09121824)	36.43317m(09121824)	37.24422m(09121824)	38.03925m(09121824)	38.81486m(09121824)
3726995.4	37.90748m(09121824)	38.84237m(09121824)	39.76543m(09121824)	40.67276m(09121824)	41.56124m(09121824)
3726985.4	40.44298m(09121824)	41.50590m(09121824)	42.55877m(09121824)	43.59725m(09121824)	44.61782m(09121824)
3726975.4	43.24825m(09121824)	44.46181m(09121824)	45.66676m(09121824)	46.85913m(09121824)	48.03485m(09121824)
3726965.4	46.36748m(09121824)	47.75699m(09121824)	49.14085m(09121824)	50.51440m(09121824)	51.87288m(09121824)
3726955.4	49.85068m(09121824)	51.44821m(09121824)	53.04391m(09121824)	54.63227m(09121824)	56.20757m(09121824)
3726945.4	53.76095m(09121824)	55.60649m(09121824)	57.45522m(09121824)	59.30029m(09121824)	61.13468m(09121824)
3726935.4	58.17493m(09121824)	60.31960m(09121824)	62.47538m(09121824)	64.63013m(09121824)	66.77696m(09121824)
3726925.4	63.19785m(09121824)	65.70613m(09121824)	68.23428m(09121824)	70.76673m(09121824)	73.29432m(09121824)
3726915.4	68.95664m(09121824)	71.91363m(09121824)	74.90207m(09121824)	77.90178m(09121824)	80.89980m(09121824)
3726905.4	75.62081m(09121824)	79.14016m(09121824)	82.70714m(09121824)	86.29444m(09121824)	89.88368m(09121824)
3726895.4	83.41614m(09121824)	87.65372m(09121824)	91.96261m(09121824)	96.30455m(09121824)	100.64566m(09121824)
3726885.4	92.65060m(09121824)	97.82418m(09121824)	103.10317m(09121824)	108.43441m(09121824)	113.76920m(09121824)
3726875.4	103.74407m(09121824)	110.16886m(09121824)	116.75958m(09121824)	123.42771m(09121824)	130.13188m(09121824)
3726865.4	117.30455m(09121824)	125.46025m(09121824)	133.89319m(09121824)	142.47565m(09121824)	151.14162m(09121824)
3726855.4	134.23000m(09121824)	144.88754m(09121824)	156.04847m(09121824)	167.53711m(09121824)	179.22342m(09121824)
3726845.4	155.91451m(09121824)	170.35803m(09121824)	185.84555m(09121824)	202.09399m(09121824)	218.85981m(09121824)
3726835.4	184.58093m(09121824)	205.19315m(09121824)	228.14131m(09121824)	253.23967m(09121824)	279.59039m(09121824)
3726825.4	224.32139m(09121824)	255.87643m(09121824)	293.06237m(09121824)	337.67353m(09121824)	268.00638m(09121824)
3726815.4	283.04462m(09121824)	336.60629m(09121824)	403.06650m(09121824)	302.13802m(09121824)	330.96834m(09121824)
3726805.4	267.32655m(09121824)	293.18741m(09121824)	214.62502m(09121824)	225.62175m(09121824)	270.41263m(09121824)
3726795.4	203.19340m(09121824)	228.85961m(09121824)	255.43300m(09121824)	238.90113m(09121824)	263.42546m(09121824)
3726785.4	234.40740m(09121824)	236.09075m(09121824)	267.90837m(09121824)	247.87065m(09121824)	240.09971m(09121824)
3726775.4	163.37923m(09121824)	247.83348m(09121824)	240.62232m(09121824)	335.84710m(09121824)	431.37193m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	27.30686 (06122924)	27.60620m(09121824)	27.90213m(09121824)	28.17308m(09121824)	28.41839m(09121824)
3727055.4	28.88786m(09121824)	29.25176m(09121824)	29.59272m(09121824)	29.90561m(09121824)	30.18932m(09121824)
3727045.4	30.63913m(09121824)	31.05523m(09121824)	31.44559m(09121824)	31.80753m(09121824)	32.13818m(09121824)
3727035.4	32.55795m(09121824)	33.03556m(09121824)	33.48383m(09121824)	33.90330m(09121824)	34.28932m(09121824)
3727025.4	34.66722m(09121824)	35.21540m(09121824)	35.73441m(09121824)	36.22167m(09121824)	36.67141m(09121824)
3727015.4	36.99350m(09121824)	37.62404m(09121824)	38.22419m(09121824)	38.79105m(09121824)	39.31821m(09121824)
3727005.4	39.56780m(09121824)	40.29472m(09121824)	40.99010m(09121824)	41.65080m(09121824)	42.26980m(09121824)
3726995.4	42.42722m(09121824)	43.26708m(09121824)	44.07445m(09121824)	44.84600m(09121824)	45.57418m(09121824)
3726985.4	45.61665m(09121824)	46.58896m(09121824)	47.52826m(09121824)	48.43095m(09121824)	49.28899m(09121824)
3726975.4	49.18966m(09121824)	50.31803m(09121824)	51.41288m(09121824)	52.47061m(09121824)	53.48325m(09121824)
3726965.4	53.21165m(09121824)	54.52431m(09121824)	55.80331m(09121824)	57.04531m(09121824)	58.24273m(09121824)
3726955.4	57.76475m(09121824)	59.29622m(09121824)	60.79410m(09121824)	62.25591m(09121824)	63.67509m(09121824)
3726945.4	62.95281m(09121824)	64.74561m(09121824)	66.50537m(09121824)	68.23071m(09121824)	69.91723m(09121824)
3726935.4	68.90946m(09121824)	71.01688m(09121824)	73.09195m(09121824)	75.13555m(09121824)	77.14686m(09121824)
3726925.4	75.80680m(09121824)	78.29939m(09121824)	80.75822m(09121824)	83.19009m(09121824)	85.59895m(09121824)
3726915.4	83.88357m(09121824)	86.84387m(09121824)	89.77727m(09121824)	92.68841m(09121824)	95.59144m(09121824)
3726905.4	93.45886m(09121824)	97.00981m(09121824)	100.53589m(09121824)	104.03896m(09121824)	107.56721m(09121824)
3726895.4	104.97448m(09121824)	109.27776m(09121824)	113.55957m(09121824)	117.84255m(09121824)	122.15837m(09121824)
3726885.4	119.09169m(09121824)	124.38857m(09121824)	129.66050m(09121824)	134.97980m(09121824)	140.40079m(09121824)
3726875.4	136.80541m(09121824)	143.47222m(09121824)	150.15271m(09121824)	156.91449m(09121824)	163.89461m(09121824)
3726865.4	159.80396m(09121824)	168.46806m(09121824)	177.21636m(09121824)	186.13226m(09121824)	195.51446m(09121824)
3726855.4	190.99955m(09121824)	202.80213m(09121824)	214.78421m(09121824)	227.30197m(09121824)	240.72761m(09121824)
3726845.4	235.94338m(09121824)	253.35252m(09121824)	271.09461m(09121824)	290.18154m(09121824)	311.22991m(09121824)
3726835.4	307.24695m(09121824)	336.40845m(09121824)	365.27941m(09121824)	277.26864m(09121824)	304.02568m(09121824)
3726825.4	300.74633m(09121824)	303.32107m(09121824)	213.31321m(09121824)	230.36211m(09121824)	233.80651m(09121824)
3726815.4	219.61285m(09121824)	251.94243m(09121824)	236.87924m(09121824)	242.15813m(09121824)	259.01830m(09121824)
3726805.4	238.65901m(09121824)	254.81385m(09121824)	250.55458m(09121824)	236.79375m(09121824)	262.74630m(09121824)
3726795.4	248.59688m(09121824)	240.19712m(09121824)	244.86114m(09121824)	220.10943m(09121824)	311.91497m(09121824)
3726785.4	340.57518m(09121824)	219.90566m(09121824)	290.20107m(09121824)	374.66581m(09121824)	345.50488m(09121824)
3726775.4	374.00420m(09121824)	334.78329m(09121824)	306.36470m(09121824)	283.64532m(09121824)	264.50156m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	28.63271m(09121824)	28.81429m(09121824)	28.96109m(09121824)	29.06772m(09121824)	29.13631m(09121824)
3727055.4	30.44093m(09121824)	30.65669m(09121824)	30.83401m(09121824)	30.96663m(09121824)	31.05643m(09121824)
3727045.4	32.43404m(09121824)	32.69064m(09121824)	32.90485m(09121824)	33.06947m(09121824)	33.18590m(09121824)
3727035.4	34.63778m(09121824)	34.94340m(09121824)	35.19944m(09121824)	35.40644m(09121824)	35.55652m(09121824)
3727025.4	37.08249m(09121824)	37.44706m(09121824)	37.75742m(09121824)	38.01354m(09121824)	38.20633m(09121824)
3727015.4	39.80403m(09121824)	40.23964m(09121824)	40.61977m(09121824)	40.93371m(09121824)	41.18104m(09121824)
3727005.4	42.84502m(09121824)	43.36652m(09121824)	43.82836m(09121824)	44.22223m(09121824)	44.53926m(09121824)
3726995.4	46.25647m(09121824)	46.88204m(09121824)	47.44436m(09121824)	47.93369m(09121824)	48.34039m(09121824)
3726985.4	50.09956m(09121824)	50.85110m(09121824)	51.53653m(09121824)	52.14946m(09121824)	52.67296m(09121824)
3726975.4	54.44784m(09121824)	55.35229m(09121824)	56.19360m(09121824)	56.95598m(09121824)	57.63160m(09121824)
3726965.4	59.39284m(09121824)	60.48785m(09121824)	61.51550m(09121824)	62.47378m(09121824)	63.34879m(09121824)
3726955.4	65.04974m(09121824)	66.37408m(09121824)	67.63861m(09121824)	68.84407m(09121824)	69.98045m(09121824)
3726945.4	71.56515m(09121824)	73.17193m(09121824)	74.73505m(09121824)	76.25543m(09121824)	77.73441m(09121824)
3726935.4	79.12964m(09121824)	81.08683m(09121824)	83.02367m(09121824)	84.95042m(09121824)	86.87872m(09121824)
3726925.4	87.99580m(09121824)	90.39338m(09121824)	92.80583m(09121824)	95.25940m(09121824)	97.78478m(09121824)
3726915.4	98.50623m(09121824)	101.46298m(09121824)	104.48153m(09121824)	107.61723m(09121824)	110.92950m(09121824)
3726905.4	111.14437m(09121824)	114.81838m(09121824)	118.62961m(09121824)	122.67023m(09121824)	127.07904m(09121824)
3726895.4	126.60854m(09121824)	131.24394m(09121824)	136.12365m(09121824)	141.46261m(09121824)	147.33116m(09121824)
3726885.4	146.00298m(09121824)	151.98256m(09121824)	158.38787m(09121824)	165.54095m(09121824)	173.65118m(09121824)
3726875.4	171.23157m(09121824)	179.16735m(09121824)	187.94995m(09121824)	197.78497m(09121824)	209.34621m(09121824)
3726865.4	205.60803m(09121824)	216.69832m(09121824)	229.20032m(09121824)	243.83297m(09121824)	261.29104m(09121824)
3726855.4	255.58996m(09121824)	272.41877m(09121824)	292.03066m(09121824)	315.60210m(09121824)	344.64560m(09121824)
3726845.4	336.17801m(09121824)	365.21339m(09121824)	286.69846m(09121824)	293.32991m(09121824)	206.74240m(09121824)
3726835.4	317.61105m(09121824)	327.06172m(09121824)	217.75284m(09121824)	356.78931m(09121824)	226.01144m(09121824)
3726825.4	229.85779m(09121824)	263.96451m(09121824)	231.07165m(09121824)	249.76746m(09121824)	237.08752m(09121824)
3726815.4	234.38578m(09121824)	263.62176m(09121824)	231.68829m(09121824)	229.57100m(09121824)	231.43071m(09121824)
3726805.4	224.86865m(09121824)	230.44460m(09121824)	217.77400m(09121824)	203.53920m(09121824)	280.98105m(09121824)
3726795.4	307.83674m(09121824)	284.39657m(09121824)	367.67435m(09121824)	333.63376m(09121824)	304.69910m(09121824)
3726785.4	318.59174m(09121824)	294.56415m(09121824)	273.14832m(09121824)	253.37564m(09121824)	235.13230m(09121824)
3726775.4	247.46817m(09121824)	231.90516m(09121824)	217.53140m(09121824)	204.04555m(09121824)	191.28125m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	29.16050m(09121824)	29.13504m(09121824)	29.06520m(09121824)	28.94537m(09121824)	28.78507m(09121824)
3727055.4	31.09598m(09121824)	31.07914m(09121824)	31.01121m(09121824)	30.88566m(09121824)	30.71252m(09121824)
3727045.4	33.24549m(09121824)	33.24102m(09121824)	33.17781m(09121824)	33.04803m(09121824)	32.86221m(09121824)
3727035.4	35.64244m(09121824)	35.65566m(09121824)	35.60136m(09121824)	35.47012m(09121824)	35.27274m(09121824)
3727025.4	38.32701m(09121824)	38.36539m(09121824)	38.32624m(09121824)	38.19809m(09121824)	37.99195m(09121824)
3727015.4	41.34774m(09121824)	41.42798m(09121824)	41.41348m(09121824)	41.29614m(09121824)	41.08028m(09121824)
3727005.4	44.77032m(09121824)	44.90178m(09121824)	44.92603m(09121824)	44.83192m(09121824)	44.62116m(09121824)
3726995.4	48.65407m(09121824)	48.86550m(09121824)	48.94967m(09121824)	48.89853m(09121824)	48.70961m(09121824)
3726985.4	53.09786m(09121824)	53.40996m(09121824)	53.59377m(09121824)	53.61660m(09121824)	53.47768m(09121824)
3726975.4	58.21001m(09121824)	58.66911m(09121824)	58.99122m(09121824)	59.14397m(09121824)	59.09410m(09121824)
3726965.4	64.13043m(09121824)	64.79858m(09121824)	65.32724m(09121824)	65.67972m(09121824)	65.80263m(09121824)
3726955.4	71.03911m(09121824)	72.00148m(09121824)	72.84074m(09121824)	73.50794m(09121824)	73.93230m(09121824)
3726945.4	79.16735m(09121824)	80.54328m(09121824)	81.84172m(09121824)	83.00403m(09121824)	83.93943m(09121824)
3726935.4	88.81895m(09121824)	90.77571m(09121824)	92.74767m(09121824)	94.67394m(09121824)	96.47727m(09121824)
3726925.4	100.41559m(09121824)	103.18620m(09121824)	106.11429m(09121824)	109.20941m(09121824)	112.44027m(09121824)
3726915.4	114.49008m(09121824)	118.41274m(09121824)	122.74402m(09121824)	127.61886m(09121824)	133.12997m(09121824)
3726905.4	131.93048m(09121824)	137.40971m(09121824)	143.79367m(09121824)	151.34214m(09121824)	160.52893m(09121824)
3726895.4	154.04976m(09121824)	161.82996m(09121824)	171.22313m(09121824)	182.78302m(09121824)	197.64733m(09121824)
3726885.4	183.05131m(09121824)	194.43887m(09121824)	208.48385m(09121824)	226.33090m(09121824)	250.39736m(09121824)
3726875.4	223.23188m(09121824)	240.40046m(09121824)	262.32280m(09121824)	291.20711m(09121824)	332.17723m(09121824)
3726865.4	283.01869m(09121824)	311.06008m(09121824)	349.09822m(09121824)	287.27662m(09121824)	296.41728m(09121824)
3726855.4	268.57883m(09121824)	195.37318m(09121824)	309.46417m(09121824)	209.32762m(09121824)	208.14624m(09121824)
3726845.4	332.00909m(09121824)	218.84325m(09121824)	221.49499m(09121824)	239.84200m(09121824)	207.74909m(09121824)
3726835.4	235.14712m(09121824)	240.59762m(09121824)	217.70648m(09121824)	239.21300m(09121824)	202.03351m(09121824)
3726825.4	224.41570m(09121824)	247.86486m(09121824)	205.37481m(09121824)	200.40702m(09121824)	277.20637m(09121824)
3726815.4	205.09477m(09121824)	298.64274m(09121824)	280.51594m(09121824)	362.21870m(09121824)	311.35031m(09121824)
3726805.4	380.57059m(09121824)	338.53797m(09121824)	300.09658m(09121824)	265.74687m(09121824)	235.75151m(09121824)
3726795.4	277.70745m(09121824)	252.99889m(09121824)	230.09413m(09121824)	208.74953m(09121824)	189.00357m(09121824)
3726785.4	217.93048m(09121824)	201.63453m(09121824)	186.09674m(09121824)	171.30367m(09121824)	157.20640m(09121824)
3726775.4	179.03698m(09121824)	167.24287m(09121824)	155.84498m(09121824)	144.82836m(09121824)	134.20991m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	28.56789m(09121824)	28.29687m(09121824)	27.97172m(09121824)	27.59168m(09121824)	27.15880m(09121824)
3727055.4	30.47338m(09121824)	30.17121m(09121824)	29.80549m(09121824)	29.37512m(09121824)	28.88303m(09121824)
3727045.4	32.59943m(09121824)	32.26248m(09121824)	31.85038m(09121824)	31.36159m(09121824)	30.80006m(09121824)
3727035.4	34.98515m(09121824)	34.60969m(09121824)	34.14462m(09121824)	33.58782m(09121824)	32.94445m(09121824)
3727025.4	37.67956m(09121824)	37.26227m(09121824)	36.73711m(09121824)	36.10100m(09121824)	35.36056m(09121824)
3727015.4	40.74507m(09121824)	40.28725m(09121824)	39.69050m(09121824)	38.96204m(09121824)	38.10557m(09121824)
3727005.4	44.26771m(09121824)	43.76048m(09121824)	43.08801m(09121824)	42.25156m(09121824)	41.25527m(09121824)
3726995.4	48.34921m(09121824)	47.79531m(09121824)	47.03984m(09121824)	46.07668m(09121824)	44.90998m(09121824)
3726985.4	53.12613m(09121824)	52.54293m(09121824)	51.70258m(09121824)	50.59243m(09121824)	49.21546m(09121824)
3726975.4	58.79855m(09121824)	58.21116m(09121824)	57.29117m(09121824)	56.01426m(09121824)	54.37367m(09121824)
3726965.4	65.63605m(09121824)	65.10217m(09121824)	64.13179m(09121824)	62.66156m(09121824)	60.68621m(09121824)
3726955.4	74.02539m(09121824)	73.66221m(09121824)	72.70116m(09121824)	71.03411m(09121824)	68.61754m(09121824)
3726945.4	84.52803m(09121824)	84.56403m(09121824)	83.78829m(09121824)	81.96017m(09121824)	78.95517m(09121824)
3726935.4	97.97455m(09121824)	98.86607m(09121824)	98.71954m(09121824)	96.91653m(09121824)	93.13153m(09121824)
3726925.4	115.63187m(09121824)	118.40829m(09121824)	119.92463m(09121824)	118.89299m(09121824)	114.11251m(09121824)
3726915.4	139.37341m(09121824)	146.03583m(09121824)	152.08303m(09121824)	154.40974m(09121824)	149.38572 (06020424)
3726905.4	171.99124m(09121824)	186.66299m(09121824)	205.02629m(09121824)	221.50184m(09121824)	107.58359 (06020424)
3726895.4	217.89196m(09121824)	247.67932m(09121824)	169.73844m(09121824)	156.24540 (06020424)	133.68831 (06020424)
3726885.4	285.29558m(09121824)	230.38422m(09121824)	125.62922 (06020424)	105.67145 (06020424)	173.70299 (06020424)
3726875.4	169.83608m(09121824)	284.70478m(09121824)	159.98524 (06020424)	124.24274 (06020424)	98.63923 (06020424)
3726865.4	195.39306m(09121824)	187.19297m(09121824)	94.27288 (09121424)	144.94547m(09121824)	109.86977 (06122124)
3726855.4	232.84060m(09121824)	188.50300m(09121824)	176.12544m(09121824)	257.21305m(09121824)	217.41028m(09121824)
3726845.4	215.48871m(09121824)	189.95241m(09121824)	157.87179 (06122124)	220.84165 (06122124)	273.09974m(09121824)
3726835.4	184.92559m(09121824)	257.98596m(09121824)	230.44903m(09121824)	268.21292m(09121824)	213.34247m(09121824)
3726825.4	366.57202m(09121824)	304.25839m(09121824)	251.83646m(09121824)	209.07458m(09121824)	174.52704 (06122124)
3726815.4	267.39538m(09121824)	230.40097m(09121824)	198.38725m(09121824)	170.59809m(09121824)	147.19406 (06122124)
3726805.4	208.89233m(09121824)	184.78590m(09121824)	163.06867m(09121824)	143.55333m(09121824)	126.67278 (06122124)
3726795.4	170.69285m(09121824)	153.70586m(09121824)	138.01050m(09121824)	123.61108m(09121824)	110.73366 (06122124)
3726785.4	143.84938m(09121824)	131.22123m(09121824)	119.37942m(09121824)	108.34028m(09121824)	98.14771m(09121824)
3726775.4	124.02086m(09121824)	114.27424m(09121824)	105.02829m(09121824)	96.31074m(09121824)	88.17154m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	26.67606m(09121824)	26.14750m(09121824)	25.57726m(09121824)	25.02574 (06020424)	24.57870 (06020424)
3727055.4	28.33277m(09121824)	27.72953m(09121824)	27.07863m(09121824)	26.50715 (06020424)	25.97194 (06020424)
3727045.4	30.17012m(09121824)	29.47842m(09121824)	28.73193m(09121824)	28.11962 (06020424)	27.49556 (06020424)
3727035.4	32.21981m(09121824)	31.42253m(09121824)	30.58014 (06020424)	29.88807 (06020424)	29.14951 (06020424)
3727025.4	34.52242m(09121824)	33.59786m(09121824)	32.66583 (06020424)	31.84415 (06020424)	30.97077 (06020424)
3727015.4	37.12994m(09121824)	36.05017m(09121824)	35.00362 (06020424)	34.02724 (06020424)	32.99105 (06020424)
3727005.4	40.11095m(09121824)	38.83913m(09121824)	37.65206 (06020424)	36.48541 (06020424)	35.24740 (06020424)
3726995.4	43.55517m(09121824)	42.04365m(09121824)	40.68738 (06020424)	39.27858 (06020424)	37.78268 (06020424)
3726985.4	47.59342m(09121824)	45.78699 (06020424)	44.20594 (06020424)	42.47843 (06020424)	40.64543 (06020424)
3726975.4	52.40340m(09121824)	50.29921 (06020424)	48.33352 (06020424)	46.17184 (06020424)	43.88787 (06020424)
3726965.4	58.24823m(09121824)	55.77110 (06020424)	53.24407 (06020424)	50.46427 (06020424)	47.56471 (06020424)
3726955.4	65.52368m(09121824)	62.55271 (06020424)	59.19748 (06020424)	55.53172 (06020424)	51.74677 (06020424)
3726945.4	75.12833 (06020424)	71.16194 (06020424)	66.49043 (06020424)	61.50585 (06020424)	56.51542 (06020424)
3726935.4	88.29761 (06020424)	82.41174 (06020424)	75.56929 (06020424)	68.52262 (06020424)	61.83595 (06020424)
3726925.4	107.17348 (06020424)	97.53613 (06020424)	86.90686 (06020424)	76.70720 (06020424)	67.61715 (06020424)
3726915.4	136.57710 (06020424)	118.63822 (06020424)	100.93453 (06020424)	85.87299 (06020424)	73.63012 (06020424)
3726905.4	187.80581 (06020424)	148.80021 (06020424)	117.72957 (06020424)	95.41006 (06020424)	79.40288 (09121424)
3726895.4	111.15768 (06020424)	189.60029 (06020424)	135.31998 (06020424)	104.44847 (09121424)	85.51381 (09121424)
3726885.4	131.59167 (06020424)	103.05240 (06020424)	150.15567m(09121824)	112.65526 (06122124)	90.65320 (06122124)
3726875.4	153.15891m(09121824)	114.21026 (06122124)	156.11700 (06122124)	117.16015 (06122124)	93.98325 (06122124)
3726865.4	170.41544 (06122124)	211.44891m(09121824)	151.33457 (06122124)	116.60564 (06122124)	94.58345 (06122124)
3726855.4	252.34192m(09121824)	183.65484 (06122124)	140.82748 (06122124)	112.33779 (06122124)	92.79816 (06122124)
3726845.4	205.54529 (06122124)	160.41145 (06122124)	128.81105 (06122124)	106.02905 (06122124)	89.30130 (06122124)
3726835.4	172.01128 (06122124)	140.77354 (06122124)	117.05140 (06122124)	98.85286 (06122124)	84.77532 (06122124)
3726825.4	146.70463 (06122124)	124.30312 (06122124)	106.12774 (06122124)	91.53817 (06122124)	79.77125 (06122124)
3726815.4	127.23685 (06122124)	110.46462 (06122124)	96.30760 (06122124)	84.50184 (06122124)	74.66867 (06122124)
3726805.4	111.78523 (06122124)	98.82970 (06122124)	87.60201 (06122124)	77.95709 (06122124)	69.70856 (06122124)
3726795.4	99.25776 (06122124)	89.02336 (06122124)	79.96138 (06122124)	71.99590 (06122124)	65.03462 (06122124)
3726785.4	88.97837 (06122124)	80.72535 (06122124)	73.29020 (06122124)	66.63783 (06122124)	60.72390 (06122124)
3726775.4	80.63646m(09121824)	73.70521m(09121824)	67.47835 (06122124)	61.86278 (06122124)	56.80231 (06122124)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PULL ***
INCLUDING SOURCE(S): L0003274 , L0003275 , L0003276 , L0003277 , L0003278 ,
L0003279 , L0003280 , L0003281 , L0003282 , L0003283 , L0003284 , L0003285 , L0003286 ,
L0003287 , L0003288 , L0003289 , L0003290 , L0003291 , L0003292 ,

*** 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)
418554.30	3726952.94	72.77228m	(09121824)	418588.83	3726936.99	93.20064m	(09121824)
418621.06	3726898.60	242.42321m	(09121824)	418540.35	3726921.02	101.68662m	(09121824)
418517.77	3726916.44	100.80456m	(09121824)	418553.95	3726903.64	134.46430m	(09121824)
418569.20	3726897.12	159.97369m	(09121824)	418595.63	3726869.12	271.76167m	(09121824)
418474.33	3726881.10	136.99578m	(09121824)	418522.17	3726860.74	249.15466m	(09121824)
418450.23	3726839.32	262.16642m	(09121824)	418483.59	3726835.57	275.17799m	(09121824)
418436.23	3726824.73	347.43438m	(09121824)	418425.80	3726805.10	215.81424m	(09121824)
418595.95	3726915.31	133.46786m	(09121824)	418426.14	3726814.62	188.20194m	(09121824)
418536.67	3726953.06	70.60322m	(09121824)	418556.00	3726851.05	294.56726m	(09121824)
418418.06	3726821.00	295.93681m	(09121824)	418550.08	3726960.90	66.62455m	(09121824)
418422.83	3726819.47	333.46022m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	15.03624m(06010124)	15.76997m(06010124)	16.56045m(06010124)	17.41668m(06010124)	18.34436m(06010124)
3727055.4	15.28617m(06010124)	16.06672m(06010124)	16.91233m(06010124)	17.83233m(06010124)	18.83769m(06010124)
3727045.4	15.51802m(09121824)	16.30755m(06010124)	17.20548m(06010124)	18.18637m(06010124)	19.26355m(06010124)
3727035.4	15.82092m(09121824)	16.64144m(09121824)	17.54202m(09121824)	18.53820m(09121824)	19.63848m(09121824)
3727025.4	16.10604m(09121824)	16.96206m(09121824)	17.90483m(09121824)	18.94830m(09121824)	20.10944m(09121824)
3727015.4	16.36763m(09121824)	17.25605m(09121824)	18.23735m(09121824)	19.33085m(09121824)	20.54869m(09121824)
3727005.4	16.60519m(09121824)	17.52247m(09121824)	18.54159m(09121824)	19.67283m(09121824)	20.94046m(09121824)
3726995.4	16.81615m(09121824)	17.75811m(09121824)	18.80658m(09121824)	19.97255m(09121824)	21.28677m(09121824)
3726985.4	16.99838m(09121824)	17.96392m(09121824)	19.03233m(09121824)	20.23018m(09121824)	21.57288m(09121824)
3726975.4	17.15025m(09121824)	18.13092m(09121824)	19.21640m(09121824)	20.43406m(09121824)	21.80450m(09121824)
3726965.4	17.27070m(09121824)	18.26126m(09121824)	19.36161m(09121824)	20.59130m(09121824)	21.96947m(09121824)
3726955.4	17.35926m(09121824)	18.35444m(09121824)	19.45907m(09121824)	20.69229m(09121824)	22.07785m(09121824)
3726945.4	17.41604m(09121824)	18.41074m(09121824)	19.51340m(09121824)	20.74241m(09121824)	22.12051m(09121824)
3726935.4	17.44167m(09121824)	18.43110m(09121824)	19.53055m(09121824)	20.74869m(09121824)	22.11110m(09121824)
3726925.4	17.44125m(09121824)	18.42136m(09121824)	19.50358m(09121824)	20.70909m(09121824)	22.04822m(09121824)
3726915.4	17.41233m(09121824)	18.37920m(09121824)	19.44422m(09121824)	20.62716m(09121824)	21.93675m(09121824)
3726905.4	17.35666m(09121824)	18.30693m(09121824)	19.35089m(09121824)	20.50685m(09121824)	21.78194m(09121824)
3726895.4	17.27622m(09121824)	18.20707m(09121824)	19.22681m(09121824)	20.35232m(09121824)	21.58920m(09121824)
3726885.4	17.17310m(09121824)	18.08223m(09121824)	19.07531m(09121824)	20.16778m(09121824)	21.36383m(09121824)
3726875.4	17.04947m(09121824)	17.93509m(09121824)	18.89966m(09121824)	19.95728m(09121824)	21.11086m(09121824)
3726865.4	16.90748m(09121824)	17.76826m(09121824)	18.70304m(09121824)	19.72467m(09121824)	20.83493m(09121824)
3726855.4	16.74922m(09121824)	17.58425m(09121824)	18.48844m(09121824)	19.47351m(09121824)	20.54027m(09121824)
3726845.4	16.57671m(09121824)	17.38541m(09121824)	18.25863m(09121824)	19.20704m(09121824)	20.23061m(09121824)
3726835.4	16.39184m(09121824)	17.17394m(09121824)	18.01613m(09121824)	18.92815m(09121824)	19.90926m(09121824)
3726825.4	16.19639m(09121824)	16.95186m(09121824)	17.76325m(09121824)	18.63943m(09121824)	19.57910m(09121824)
3726815.4	15.99196m(09121824)	16.72099m(09121824)	17.50202m(09121824)	18.34314m(09121824)	19.24258m(09121824)
3726805.4	15.78006m(09121824)	16.48299m(09121824)	17.23425m(09121824)	18.04125m(09121824)	18.90183m(09121824)
3726795.4	15.56202m(09121824)	16.23933m(09121824)	16.96155m(09121824)	17.73547m(09121824)	18.55864m(09121824)
3726785.4	15.33906m(09121824)	15.99132m(09121824)	16.68530m(09121824)	17.42727m(09121824)	18.21453m(09121824)
3726775.4	15.11225m(09121824)	15.74012m(09121824)	16.40675m(09121824)	17.11792m(09121824)	17.87077m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	19.34975m(06010124)	20.44440m(06010124)	21.63335m(06010124)	22.92793m(06010124)	24.33367m(06010124)
3727055.4	19.93614m(06010124)	21.14344m(06010124)	22.46864m(06010124)	23.93009m(06010124)	25.54080m(06010124)
3727045.4	20.45363m(06010124)	21.76885m(06010124)	23.22987m(06010124)	24.86179m(06010124)	26.68713m(06010124)
3727035.4	20.88396m(06010124)	22.30150m(06010124)	23.89170m(06010124)	25.68963m(06010124)	27.72945m(06010124)
3727025.4	21.40914m(09121824)	22.87390m(09121824)	24.53722m(09121824)	26.44921m(09121824)	28.66131m(09121824)
3727015.4	21.91817m(09121824)	23.47012m(09121824)	25.24415m(09121824)	27.30009m(09121824)	29.70320m(09121824)
3727005.4	22.37118m(09121824)	24.00562m(09121824)	25.87790m(09121824)	28.06191m(09121824)	30.63575m(09121824)
3726995.4	22.76931m(09121824)	24.46197m(09121824)	26.42154m(09121824)	28.71044m(09121824)	31.42305m(09121824)
3726985.4	23.10026m(09121824)	24.84155m(09121824)	26.86135m(09121824)	29.22603m(09121824)	32.03598m(09121824)
3726975.4	23.35317m(09121824)	25.13161m(09121824)	27.18824m(09121824)	29.59612m(09121824)	32.45659m(09121824)
3726965.4	23.53687m(09121824)	25.32902m(09121824)	27.39853m(09121824)	29.81644m(09121824)	32.68026m(09121824)
3726955.4	23.64566m(09121824)	25.43437m(09121824)	27.49393m(09121824)	29.89097m(09121824)	32.71530m(09121824)
3726945.4	23.68188m(09121824)	25.45152m(09121824)	27.48088m(09121824)	29.83046m(09121824)	32.58006m(09121824)
3726935.4	23.64398m(09121824)	25.38042m(09121824)	27.36929m(09121824)	29.65034m(09121824)	32.29897m(09121824)
3726925.4	23.54950m(09121824)	25.24252m(09121824)	27.17119m(09121824)	29.36838m(09121824)	31.89866m(09121824)
3726915.4	23.39913m(09121824)	25.04039m(09121824)	26.89946m(09121824)	29.00279m(09121824)	31.40497m(09121824)
3726905.4	23.19983m(09121824)	24.78344m(09121824)	26.56682m(09121824)	28.57076m(09121824)	30.84112m(09121824)
3726895.4	22.95869m(09121824)	24.48081m(09121824)	26.18514m(09121824)	28.08773m(09121824)	30.21940m(09121824)
3726885.4	22.68245m(09121824)	24.14092m(09121824)	25.76516m(09121824)	27.56697m(09121824)	29.57151m(09121824)
3726875.4	22.37733m(09121824)	23.77155m(09121824)	25.31609m(09121824)	27.01349m(09121824)	28.90246m(09121824)
3726865.4	22.04892m(09121824)	23.37937m(09121824)	24.84595m(09121824)	26.44891m(09121824)	28.22232m(09121824)
3726855.4	21.70217m(09121824)	22.97013m(09121824)	24.36135m(09121824)	25.87422m(09121824)	27.53285m(09121824)
3726845.4	21.34139m(09121824)	22.54872m(09121824)	23.86768m(09121824)	25.29527m(09121824)	26.85265m(09121824)
3726835.4	20.97028m(09121824)	22.11919m(09121824)	23.36931m(09121824)	24.71655m(09121824)	26.17966m(09121824)
3726825.4	20.59197m(09121824)	21.68901m(09121824)	22.86973m(09121824)	24.14154m(09121824)	25.51704m(09121824)
3726815.4	20.20912m(09121824)	21.25258m(09121824)	22.37173m(09121824)	23.57285m(09121824)	24.86703m(09121824)
3726805.4	19.82394m(09121824)	20.81643m(09121824)	21.87749m(09121824)	23.01249m(09121824)	24.23120m(09121824)
3726795.4	19.43828m(09121824)	20.38240m(09121824)	21.38874m(09121824)	22.46189m(09121824)	23.61057m(09121824)
3726785.4	19.05366m(09121824)	19.95194m(09121824)	20.90677m(09121824)	21.92210m(09121824)	23.00574m(09121824)
3726775.4	18.67133m(09121824)	19.52621m(09121824)	20.43258m(09121824)	21.39385m(09121824)	22.41705m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	25.85359m(06010124)	27.49228m(06010124)	29.41009m(09121824)	31.52078m(09121824)	33.81758m(07012024)
3727055.4	27.31436m(06010124)	29.26191m(06010124)	31.39897m(06010124)	33.93500m(09121824)	36.74982m(09121824)
3727045.4	28.73267m(06010124)	31.03770m(06010124)	33.63569m(06010124)	36.59652m(09121824)	40.10869m(09121824)
3727035.4	30.05562m(06010124)	32.75439m(06010124)	35.86795m(06010124)	39.47103m(09121824)	43.87494m(09121824)
3727025.4	31.25790m(09121824)	34.32727m(06010124)	38.00009m(09121824)	42.46881m(09121824)	47.99358m(09121824)
3727015.4	32.55078m(09121824)	35.99155m(09121824)	40.19995m(09121824)	45.47498m(09121824)	52.27708m(09121824)
3727005.4	33.71777m(09121824)	37.49378m(09121824)	42.19851m(09121824)	48.25564m(09121824)	56.36617m(09121824)
3726995.4	34.69450m(09121824)	38.74032m(09121824)	43.84508m(09121824)	50.53851m(09121824)	59.74272m(09121824)
3726985.4	35.44750m(09121824)	39.65711m(09121824)	45.01019m(09121824)	52.07698m(09121824)	61.88520m(09121824)
3726975.4	35.92677m(09121824)	40.20220m(09121824)	45.62397m(09121824)	52.74381m(09121824)	62.53473m(09121824)
3726965.4	36.13943m(09121824)	40.37416m(09121824)	45.69431m(09121824)	52.57651m(09121824)	61.82370m(09121824)
3726955.4	36.10244m(09121824)	40.20784m(09121824)	45.29481m(09121824)	51.73965m(09121824)	60.14550m(09121824)
3726945.4	35.84790m(09121824)	39.76110m(09121824)	44.53249m(09121824)	50.44316m(09121824)	57.91833m(09121824)
3726935.4	35.41542m(09121824)	39.09944m(09121824)	43.51682m(09121824)	48.87470m(09121824)	55.46062m(09121824)
3726925.4	34.83572m(09121824)	38.28454m(09121824)	42.34337m(09121824)	47.17179m(09121824)	52.95351m(09121824)
3726915.4	34.16556m(09121824)	37.35802m(09121824)	41.07180m(09121824)	45.41529m(09121824)	50.51663m(09121824)
3726905.4	33.42567m(09121824)	36.38177m(09121824)	39.77700m(09121824)	43.67801m(09121824)	48.19960m(09121824)
3726895.4	32.63269m(09121824)	35.36559m(09121824)	38.46963m(09121824)	42.00393m(09121824)	46.02114m(09121824)
3726885.4	31.82301m(09121824)	34.35017m(09121824)	37.18299m(09121824)	40.38482m(09121824)	43.99630m(09121824)
3726875.4	30.99467m(09121824)	33.33238m(09121824)	35.93983m(09121824)	38.84094m(09121824)	42.09344m(09121824)
3726865.4	30.17393m(09121824)	32.33149m(09121824)	34.72844m(09121824)	37.37429m(09121824)	40.31765m(09121824)
3726855.4	29.36045m(09121824)	31.36188m(09121824)	33.56262m(09121824)	35.98376m(09121824)	38.65919m(09121824)
3726845.4	28.55330m(09121824)	30.41185m(09121824)	32.44398m(09121824)	34.67569m(09121824)	37.10821m(09121824)
3726835.4	27.76978m(09121824)	29.49900m(09121824)	31.38028m(09121824)	33.42754m(09121824)	35.65544m(09121824)
3726825.4	27.00554m(09121824)	28.61707m(09121824)	30.36236m(09121824)	32.25294m(09121824)	34.30121m(09121824)
3726815.4	26.26209m(09121824)	27.76641m(09121824)	29.38894m(09121824)	31.13927m(09121824)	33.02775m(09121824)
3726805.4	25.54026m(09121824)	26.94674m(09121824)	28.45815m(09121824)	30.08255m(09121824)	31.82859m(09121824)
3726795.4	24.84041m(09121824)	26.15743m(09121824)	27.56797m(09121824)	29.07886m(09121824)	30.69739m(09121824)
3726785.4	24.16252m(09121824)	25.39757m(09121824)	26.71629m(09121824)	28.12451m(09121824)	29.62841m(09121824)
3726775.4	23.50634m(09121824)	24.66612m(09121824)	25.90104m(09121824)	27.21606m(09121824)	28.61650m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	36.32990m(07012024)	38.87223m(07012024)	41.33690m(07012024)	43.59461m(07012024)	45.61115m(09121824)
3727055.4	39.81040m(09121824)	43.05396m(09121824)	46.37418m(09121824)	49.52922m(09121824)	52.26136m(09121824)
3727045.4	44.06213m(09121824)	48.40140m(09121824)	52.94447m(09121824)	57.42263m(09121824)	61.25125m(09121824)
3727035.4	49.06046m(09121824)	55.04095m(09121824)	61.66594m(09121824)	68.34295m(09121824)	74.11550m(09121824)
3727025.4	54.83013m(09121824)	63.28517m(09121824)	73.41504m(09121824)	84.44423m(09121824)	94.29964m(09121824)
3727015.4	61.22107m(09121824)	73.24665m(09121824)	89.41040m(09121824)	109.89149m(09121824)	59.69649m(09121824)
3727005.4	67.67539m(09121824)	84.34281m(09121824)	110.50933m(09121824)	59.91721m(09121824)	70.03412m(09121824)
3726995.4	73.13462m(09121824)	94.43120m(09121824)	56.98738m(09121824)	67.90477m(09121824)	83.05782m(09121824)
3726985.4	76.36365m(09121824)	99.98192m(09121824)	61.88433m(09121824)	75.96854m(09121824)	97.95855m(09121824)
3726975.4	76.74113m(09121824)	99.11058m(09121824)	65.74093m(09121824)	82.51241m(09121824)	111.07179m(09121824)
3726965.4	74.72969m(09121824)	93.60750m(09121824)	122.89753m(09121824)	85.65099m(09121824)	116.24636m(09121824)
3726955.4	71.33969m(09121824)	86.62107m(09121824)	107.86657m(09121824)	136.86012m(09121824)	112.02946m(09121824)
3726945.4	67.46052m(09121824)	79.78301m(09121824)	95.72491m(09121824)	116.23242m(09121824)	142.14345m(09121824)
3726935.4	63.58636m(09121824)	73.64987m(09121824)	86.12587m(09121824)	101.52973m(09121824)	120.47758m(09121824)
3726925.4	59.90842m(09121824)	68.29152m(09121824)	78.36079m(09121824)	90.44454m(09121824)	104.97183m(09121824)
3726915.4	56.52397m(09121824)	63.60103m(09121824)	71.91003m(09121824)	81.68687m(09121824)	93.20929m(09121824)
3726905.4	53.43361m(09121824)	59.49544m(09121824)	66.49036m(09121824)	74.58291m(09121824)	84.00779m(09121824)
3726895.4	50.62102m(09121824)	55.87396m(09121824)	61.85295m(09121824)	68.70815m(09121824)	76.52795m(09121824)
3726885.4	48.05804m(09121824)	52.65804m(09121824)	57.83399m(09121824)	63.70369m(09121824)	70.35324m(09121824)
3726875.4	45.71611m(09121824)	49.78061m(09121824)	54.32728m(09121824)	59.39952m(09121824)	65.10932m(09121824)
3726865.4	43.56901m(09121824)	47.18823m(09121824)	51.20433m(09121824)	55.66507m(09121824)	60.62815m(09121824)
3726855.4	41.59361m(09121824)	44.83806m(09121824)	48.41340m(09121824)	52.35697m(09121824)	56.71322m(09121824)
3726845.4	39.76980m(09121824)	42.69544m(09121824)	45.90005m(09121824)	49.42719m(09121824)	53.28470m(09121824)
3726835.4	38.08029m(09121824)	40.73210m(09121824)	43.63380m(09121824)	46.78523m(09121824)	50.22560m(09121824)
3726825.4	36.52029m(09121824)	38.93575m(09121824)	41.56629m(09121824)	44.40961m(09121824)	47.49849m(09121824)
3726815.4	35.06553m(09121824)	37.27463m(09121824)	39.67026m(09121824)	42.24869m(09121824)	45.03762m(09121824)
3726805.4	33.70564m(09121824)	35.73304m(09121824)	37.92364m(09121824)	40.27243m(09121824)	42.80301m(09121824)
3726795.4	32.43147m(09121824)	34.29808m(09121824)	36.30813m(09121824)	38.45625m(09121824)	40.76252m(09121824)
3726785.4	31.23471m(09121824)	32.95842m(09121824)	34.80878m(09121824)	36.78006m(09121824)	38.89002m(09121824)
3726775.4	30.10807m(09121824)	31.71092m(09121824)	33.41259m(09121824)	35.22739m(09121824)	37.16418m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	47.26504m(09121824)	48.43190m(09121824)	49.12674m(09121824)	49.36872m(09121824)	49.22768m(09121824)
3727055.4	54.36689m(09121824)	55.71938m(09121824)	56.37117m(09121824)	56.38025m(09121824)	55.88413m(09121824)
3727045.4	64.03313m(09121824)	65.55225m(09121824)	65.95496m(09121824)	65.44072m(09121824)	64.29583m(09121824)
3727035.4	78.02657m(09121824)	79.54625m(09121824)	79.16053m(09121824)	77.51681m(09121824)	75.13437m(09121824)
3727025.4	100.19416m(09121824)	101.07090m(09121824)	98.35418m(09121824)	94.13894m(09121824)	89.52699m(09121824)
3727015.4	67.10098m(09121824)	74.19331m(09121824)	127.85368m(09121824)	117.99573m(09121824)	109.09855m(09121824)
3727005.4	82.05132m(09121824)	94.56431m(09121824)	104.16891m(09121824)	153.44127m(09121824)	136.85888m(09121824)
3726995.4	103.97559m(09121824)	56.92224m(09121824)	64.38220m(09121824)	127.46375m(09121824)	114.17533m(09121824)
3726985.4	56.37625m(09121824)	65.83532m(09121824)	77.51274m(09121824)	149.77107m(09121824)	139.65869m(09121824)
3726975.4	62.98019m(09121824)	76.43796m(09121824)	95.43213m(09121824)	107.89162m(09121824)	96.27055m(09121824)
3726965.4	69.36496m(09121824)	87.70896m(09121824)	53.01710m(09121824)	105.41471m(09121824)	103.26114m(09121824)
3726955.4	74.35315m(09121824)	153.83582m(09121824)	103.19580m(09121824)	104.09763m(09121824)	112.74048m(09121824)
3726945.4	175.84989m(09121824)	137.23448m(09121824)	95.16873m(09121824)	104.95291m(09121824)	124.86037m(09121824)
3726935.4	144.03376m(09121824)	173.88820m(09121824)	147.09863m(09121824)	160.42791m(09121824)	117.51259m(09121824)
3726925.4	122.55725m(09121824)	144.21074m(09121824)	171.96712m(09121824)	139.52291m(09121824)	104.00368m(09121824)
3726915.4	106.87004m(09121824)	123.39081m(09121824)	143.64825m(09121824)	169.25535m(09121824)	202.81133m(09121824)
3726905.4	94.96903m(09121824)	107.88965m(09121824)	123.43280m(09121824)	142.38763m(09121824)	166.36938m(09121824)
3726895.4	85.55602m(09121824)	95.99731m(09121824)	108.29262m(09121824)	122.94442m(09121824)	140.83527m(09121824)
3726885.4	77.88521m(09121824)	86.53266m(09121824)	96.52897m(09121824)	108.19174m(09121824)	122.07195m(09121824)
3726875.4	71.53758m(09121824)	78.81026m(09121824)	87.10137m(09121824)	96.62409m(09121824)	107.73388m(09121824)
3726865.4	66.16648m(09121824)	72.37428m(09121824)	79.35143m(09121824)	87.30555m(09121824)	96.41608m(09121824)
3726855.4	61.53755m(09121824)	66.89996m(09121824)	72.89112m(09121824)	79.62976m(09121824)	87.24548m(09121824)
3726845.4	57.52843m(09121824)	62.21143m(09121824)	67.40130m(09121824)	73.18501m(09121824)	79.65664m(09121824)
3726835.4	54.00242m(09121824)	58.12963m(09121824)	62.67177m(09121824)	67.69391m(09121824)	73.26252m(09121824)
3726825.4	50.87185m(09121824)	54.53798m(09121824)	58.54831m(09121824)	62.95244m(09121824)	67.79822m(09121824)
3726815.4	48.06937m(09121824)	51.34829m(09121824)	54.91604m(09121824)	58.81116m(09121824)	63.06855m(09121824)
3726805.4	45.54267m(09121824)	48.49289m(09121824)	51.68795m(09121824)	55.15825m(09121824)	58.92951m(09121824)
3726795.4	43.25015m(09121824)	45.91858m(09121824)	48.79647m(09121824)	51.90807m(09121824)	55.27249m(09121824)
3726785.4	41.15846m(09121824)	43.58325m(09121824)	46.18870m(09121824)	48.99433m(09121824)	52.01442m(09121824)
3726775.4	39.24047m(09121824)	41.45300m(09121824)	43.82239m(09121824)	46.36453m(09121824)	49.09021m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	48.78372m(09121824)	48.10638m(09121824)	47.26001m(09121824)	46.29192m(09121824)	45.24716m(09121824)
3727055.4	55.03004m(09121824)	53.91973m(09121824)	52.64640m(09121824)	51.27018m(09121824)	49.84493m(09121824)
3727045.4	62.76409m(09121824)	60.99308m(09121824)	59.09564m(09121824)	57.14737m(09121824)	55.20641m(09121824)
3727035.4	72.48962m(09121824)	69.68688m(09121824)	66.88439m(09121824)	64.13644m(09121824)	61.49717m(09121824)
3727025.4	84.94762m(09121824)	80.51476m(09121824)	76.37852m(09121824)	72.50835m(09121824)	68.92689m(09121824)
3727015.4	101.23833m(09121824)	94.25551m(09121824)	88.09711m(09121824)	82.63001m(09121824)	77.76429m(09121824)
3727005.4	123.20457m(09121824)	112.00403m(09121824)	102.83315m(09121824)	95.02788m(09121824)	88.38485m(09121824)
3726995.4	153.85948m(09121824)	135.69042m(09121824)	121.69185m(09121824)	110.51161m(09121824)	101.33554m(09121824)
3726985.4	134.86830m(09121824)	168.46928m(09121824)	146.88611m(09121824)	130.39884m(09121824)	117.46776m(09121824)
3726975.4	93.82548m(09121824)	141.28728m(09121824)	182.16366m(09121824)	156.93671m(09121824)	138.27384m(09121824)
3726965.4	108.25677m(09121824)	163.38607m(09121824)	153.27227m(09121824)	193.77929m(09121824)	166.29827m(09121824)
3726955.4	130.61412m(09121824)	116.22333m(09121824)	107.68323m(09121824)	163.40123m(09121824)	141.95891m(09121824)
3726945.4	124.74968m(09121824)	116.88306m(09121824)	117.62703m(09121824)	181.94129m(09121824)	166.68120m(09121824)
3726935.4	115.49812m(09121824)	119.76054m(09121824)	132.98149m(09121824)	131.52817m(09121824)	117.77167m(09121824)
3726925.4	110.71993m(09121824)	124.98926m(09121824)	138.39481m(09121824)	126.26363m(09121824)	123.48036m(09121824)
3726915.4	161.70725m(09121824)	177.56244m(09121824)	122.45807m(09121824)	123.66313m(09121824)	132.94564m(09121824)
3726905.4	198.38770m(09121824)	160.08843m(09121824)	113.40925m(09121824)	123.73416m(09121824)	146.12615m(09121824)
3726895.4	163.30147m(09121824)	192.30331m(09121824)	160.71765m(09121824)	174.11087m(09121824)	127.44985m(09121824)
3726885.4	138.94440m(09121824)	159.99112m(09121824)	187.48783m(09121824)	153.64173m(09121824)	114.78953m(09121824)
3726875.4	120.91240m(09121824)	136.88439m(09121824)	156.74201m(09121824)	182.09129m(09121824)	215.92033m(09121824)
3726865.4	107.01939m(09121824)	119.55897m(09121824)	134.68982m(09121824)	153.35024m(09121824)	177.24218m(09121824)
3726855.4	95.97197m(09121824)	106.10597m(09121824)	118.04427m(09121824)	132.40527m(09121824)	150.07416m(09121824)
3726845.4	86.97667m(09121824)	95.34682m(09121824)	105.04038m(09121824)	116.43666m(09121824)	130.08122m(09121824)
3726835.4	79.49946m(09121824)	86.54143m(09121824)	94.57561m(09121824)	103.86219m(09121824)	114.73795m(09121824)
3726825.4	73.17731m(09121824)	79.19206m(09121824)	85.97256m(09121824)	93.69383m(09121824)	102.59533m(09121824)
3726815.4	67.75888m(09121824)	72.95762m(09121824)	78.76206m(09121824)	85.29528m(09121824)	92.72050m(09121824)
3726805.4	63.05731m(09121824)	67.59865m(09121824)	72.62579m(09121824)	78.23076m(09121824)	84.53102m(09121824)
3726795.4	58.93429m(09121824)	62.93727m(09121824)	67.33627m(09121824)	72.19988m(09121824)	77.61547m(09121824)
3726785.4	55.28524m(09121824)	58.84101m(09121824)	62.72410m(09121824)	66.98670m(09121824)	71.69429m(09121824)
3726775.4	52.02930m(09121824)	55.20900m(09121824)	58.66251m(09121824)	62.43024m(09121824)	66.56225m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	44.15561m(09121824)	43.04552m(09121824)	41.93256m(09121824)	40.82353m(09121824)	39.72795m(09121824)
3727055.4	48.40310m(09121824)	46.97399m(09121824)	45.57144m(09121824)	44.19934m(09121824)	42.86512m(09121824)
3727045.4	53.30329m(09121824)	51.46392m(09121824)	49.69660m(09121824)	47.99889m(09121824)	46.37465m(09121824)
3727035.4	58.98621m(09121824)	56.61907m(09121824)	54.39174m(09121824)	52.29063m(09121824)	50.31142m(09121824)
3727025.4	65.61491m(09121824)	62.56798m(09121824)	59.75999m(09121824)	57.15814m(09121824)	54.74485m(09121824)
3727015.4	73.39823m(09121824)	69.47459m(09121824)	65.93137m(09121824)	62.70612m(09121824)	59.76020m(09121824)
3727005.4	82.60991m(09121824)	77.55217m(09121824)	73.07382m(09121824)	69.06795m(09121824)	65.46476m(09121824)
3726995.4	93.62449m(09121824)	87.08738m(09121824)	81.40829m(09121824)	76.41904m(09121824)	71.99845m(09121824)
3726985.4	107.09219m(09121824)	98.48706m(09121824)	91.24160m(09121824)	84.99039m(09121824)	79.54544m(09121824)
3726975.4	123.90897m(09121824)	112.43926m(09121824)	103.02903m(09121824)	95.11315m(09121824)	88.35224m(09121824)
3726965.4	145.72451m(09121824)	129.94781m(09121824)	117.51905m(09121824)	107.28805m(09121824)	98.77713m(09121824)
3726955.4	175.37339m(09121824)	152.86728m(09121824)	135.80177m(09121824)	122.31661m(09121824)	111.37925m(09121824)
3726945.4	217.37686m(09121824)	184.28226m(09121824)	159.98192m(09121824)	141.46241m(09121824)	127.01335m(09121824)
3726935.4	112.96671m(09121824)	155.41408m(09121824)	193.74580m(09121824)	167.01949m(09121824)	147.11066m(09121824)
3726925.4	127.57037m(09121824)	178.07260m(09121824)	167.45750m(09121824)	202.73945m(09121824)	174.29667m(09121824)
3726915.4	146.32265m(09121824)	126.67418m(09121824)	118.87091m(09121824)	169.62928m(09121824)	149.86284m(09121824)
3726905.4	134.28606m(09121824)	128.02813m(09121824)	129.86964m(09121824)	189.25462m(09121824)	176.49220m(09121824)
3726895.4	126.38292m(09121824)	132.18247m(09121824)	148.01115m(09121824)	135.80301m(09121824)	124.24386m(09121824)
3726885.4	122.22229m(09121824)	138.81024m(09121824)	142.08969m(09121824)	132.33433m(09121824)	131.48584m(09121824)
3726875.4	170.40128m(09121824)	188.71330m(09121824)	128.70769m(09121824)	131.54797m(09121824)	143.53237m(09121824)
3726865.4	209.40030m(09121824)	171.66206m(09121824)	120.88387m(09121824)	133.08554m(09121824)	150.11500m(09121824)
3726855.4	172.38469m(09121824)	201.64530m(09121824)	166.44376m(09121824)	181.04317m(09121824)	130.85990m(09121824)
3726845.4	146.75076m(09121824)	167.82747m(09121824)	195.65186m(09121824)	161.50130m(09121824)	119.70800m(09121824)
3726835.4	127.72440m(09121824)	143.60623m(09121824)	163.48015m(09121824)	189.05405m(09121824)	223.97771m(09121824)
3726825.4	113.00007m(09121824)	125.41872m(09121824)	140.48425m(09121824)	159.19967m(09121824)	183.50327m(09121824)
3726815.4	101.26252m(09121824)	111.25804m(09121824)	123.11476m(09121824)	137.44226m(09121824)	155.24468m(09121824)
3726805.4	91.67797m(09121824)	99.91517m(09121824)	109.50122m(09121824)	120.82822m(09121824)	134.51316m(09121824)
3726795.4	83.69436m(09121824)	90.60650m(09121824)	98.52898m(09121824)	107.72557m(09121824)	118.59534m(09121824)
3726785.4	76.92963m(09121824)	82.82248m(09121824)	89.48958m(09121824)	97.11491m(09121824)	105.97681m(09121824)
3726775.4	71.12086m(09121824)	76.20538m(09121824)	81.90148m(09121824)	88.35631m(09121824)	95.70329m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: WBAKER ***
INCLUDING SOURCE(S): L0003302 , L0003303 , L0003304 , L0003305 , L0003306 ,
L0003307 , L0003308 , L0003309 , L0003310 , L0003311 , L0003312 , L0003313 , L0003314 ,
L0003315 , L0003316 , L0003317 , L0003318 , L0003319 , L0003320 , L0003321 , L0003322 ,

*** 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)
418554.30	3726952.94	129.55301m	(09121824)	418588.83	3726936.99	168.68958m	(09121824)
418621.06	3726898.60	226.37784m	(09121824)	418540.35	3726921.02	91.79936m	(09121824)
418517.77	3726916.44	65.47391m	(09121824)	418553.95	3726903.64	90.86808m	(09121824)
418569.20	3726897.12	101.71822m	(09121824)	418595.63	3726869.12	99.95801m	(09121824)
418474.33	3726881.10	36.17519m	(09121824)	418522.17	3726860.74	48.37541m	(09121824)
418450.23	3726839.32	27.12204m	(09121824)	418483.59	3726835.57	32.94475m	(09121824)
418436.23	3726824.73	24.13857m	(09121824)	418425.80	3726805.10	21.84422m	(09121824)
418595.95	3726915.31	202.23305m	(09121824)	418426.14	3726814.62	22.35278m	(09121824)
418536.67	3726953.06	133.38802m	(09121824)	418556.00	3726851.05	59.73765m	(09121824)
418418.06	3726821.00	21.73041m	(09121824)	418550.08	3726960.90	63.61751m	(09121824)
418422.83	3726819.47	22.20551m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	4.71328 (05080524)	4.67452 (07103024)	4.68520 (07103024)	4.76950m(05100624)	4.86236m(05100624)
3727055.4	4.73894 (05080524)	4.76233 (07103024)	4.76894m(05100624)	4.79336m(05100624)	4.88110m(05100624)
3727045.4	4.76387 (05080524)	4.76687m(05100624)	4.86719m(05100624)	4.88433m(05100624)	4.89156m(05100624)
3727035.4	4.84621 (07103024)	4.86727m(05100624)	4.88597m(05100624)	4.97149m(05100624)	4.97060m(05100624)
3727025.4	4.94342m(05100624)	4.96457m(05100624)	4.97555m(05100624)	4.97630m(05100624)	4.96693m(05100624)
3727015.4	4.96517m(05100624)	4.97775m(05100624)	4.98013m(05100624)	5.05321m(05100624)	5.03516m(05100624)
3727005.4	4.97627m(05100624)	4.98027m(05100624)	5.05964m(05100624)	5.04324m(05100624)	5.01683m(05100624)
3726995.4	4.99369m(05100624)	4.98892m(05100624)	5.04763m(05100624)	5.02284m(05100624)	5.07340m(05100624)
3726985.4	5.01241m(05100624)	5.06504m(05100624)	5.04159m(05100624)	5.08215m(05100624)	5.03882m(05100624)
3726975.4	5.02286m(05100624)	5.06889m(05100624)	5.03681m(05100624)	5.06154m(05100624)	5.08326m(05100624)
3726965.4	5.02511m(05100624)	5.06462m(05100624)	5.09264m(05100624)	5.10873m(05100624)	5.04876m(05100624)
3726955.4	5.01933m(05100624)	5.05248m(05100624)	5.07397m(05100624)	5.08349m(05100624)	5.08092m(05100624)
3726945.4	5.00577m(05100624)	5.03275m(05100624)	5.04800m(05100624)	5.05129m(05100624)	5.04261m(05100624)
3726935.4	4.98473m(05100624)	5.00583m(05100624)	5.08588m(05100624)	5.08033m(05100624)	5.06275m(05100624)
3726925.4	5.03389m(05100624)	5.04666m(05100624)	5.04740m(05100624)	5.10314m(05100624)	5.12276m(05012124)
3726915.4	5.07753m(05100624)	5.08168m(05100624)	5.07366m(05100624)	5.13549m(05012124)	5.26374m(05012124)
3726905.4	5.11543m(05100624)	5.11076m(05100624)	5.09386m(05100624)	5.27743m(05012124)	5.40096m(05012124)
3726895.4	5.14742m(05100624)	5.13378m(05100624)	5.19439m(05012124)	5.41576m(05012124)	5.53352m(05012124)
3726885.4	5.17337m(05100624)	5.20285m(05012124)	5.32956m(05012124)	5.54956m(05012124)	5.66051m(05012124)
3726875.4	5.21005m(05012124)	5.33875m(05012124)	5.46061m(05012124)	5.67793m(05012124)	5.78105m(05012124)
3726865.4	5.34658m(05012124)	5.47070m(05012124)	5.58664m(05012124)	5.79996m(05012124)	5.89427m(05012124)
3726855.4	5.47932m(05012124)	5.59778m(05012124)	5.70678m(05012124)	5.91474m(05012124)	5.99933m(05012124)
3726845.4	5.60736m(05012124)	5.71910m(05012124)	5.82014m(05012124)	6.02144m(05012124)	6.09545m(05012124)
3726835.4	5.72980m(05012124)	5.83378m(05012124)	5.92589m(05012124)	6.11922m(05012124)	6.18189m(05012124)
3726825.4	5.84573m(05012124)	5.94094m(05012124)	6.02320m(05012124)	6.20733m(05012124)	6.25800m(05012124)
3726815.4	5.95425m(05012124)	6.03974m(05012124)	6.11132m(05012124)	6.28507m(05012124)	6.32317m(05012124)
3726805.4	6.05452m(05012124)	6.12940m(05012124)	6.18954m(05012124)	6.35181m(05012124)	6.37689m(05012124)
3726795.4	6.14571m(05012124)	6.20919m(05012124)	6.25722m(05012124)	6.40703m(05012124)	6.41875m(05012124)
3726785.4	6.22706m(05012124)	6.27843m(05012124)	6.31381m(05012124)	6.45025m(05012124)	6.44841m(05012124)
3726775.4	6.29788m(05012124)	6.33654m(05012124)	6.35882m(05012124)	6.48113m(05012124)	6.46564m(05012124)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	4.87630m(05100624)	4.94978m(05100624)	4.94389m(05100624)	4.99584m(05100624)	5.03555m(05100624)
3727055.4	4.88672m(05100624)	4.95437m(05100624)	4.94011m(05100624)	4.98587m(05100624)	5.01922m(05100624)
3727045.4	4.96329m(05100624)	4.95065m(05100624)	4.92820m(05100624)	4.96785m(05100624)	4.99499m(05100624)
3727035.4	4.95960m(05100624)	4.93872m(05100624)	4.90833m(05100624)	4.94202m(05100624)	4.96316m(05100624)
3727025.4	4.94764m(05100624)	4.91878m(05100624)	4.88077m(05100624)	4.90869m(05100624)	4.92409m(05100624)
3727015.4	5.00716m(05100624)	4.96963m(05100624)	4.92312m(05100624)	4.94257m(05100624)	4.94932m(05100624)
3727005.4	4.98083m(05100624)	5.01466m(05100624)	4.95957m(05100624)	4.97033m(05100624)	4.96831m(05100624)
3726995.4	5.02854m(05100624)	4.97482m(05100624)	4.98991m(05100624)	4.99184m(05100624)	4.98099m(05100624)
3726985.4	5.07022m(05100624)	5.00782m(05100624)	5.01401m(05100624)	5.00701m(05100624)	5.08231m(05012124)
3726975.4	5.02223m(05100624)	5.03458m(05100624)	5.03176m(05100624)	5.08061m(05012124)	5.22746m(05012124)
3726965.4	5.05170m(05100624)	5.05498m(05100624)	5.07718m(05012124)	5.22650m(05012124)	5.36883m(05012124)
3726955.4	5.07483m(05100624)	5.07195m(05012124)	5.22373m(05012124)	5.36876m(05012124)	5.50554m(05012124)
3726945.4	5.09153m(05100624)	5.21905m(05012124)	5.36678m(05012124)	5.50647m(05012124)	5.63671m(05012124)
3726935.4	5.10918m(05012124)	5.25484m(05012124)	5.50543m(05012124)	5.63877m(05012124)	5.76148m(05012124)
3726925.4	5.24913m(05012124)	5.39022m(05012124)	5.63877m(05012124)	5.76475m(05012124)	5.87903m(05012124)
3726915.4	5.38517m(05012124)	5.52066m(05012124)	5.76591m(05012124)	5.88359m(05012124)	5.98856m(05012124)
3726905.4	5.51641m(05012124)	5.64529m(05012124)	5.88599m(05012124)	5.99446m(05012124)	6.08933m(05012124)
3726895.4	5.64198m(05012124)	5.76327m(05012124)	5.99815m(05012124)	6.09661m(05012124)	6.06442m(05012124)
3726885.4	5.76099m(05012124)	5.87376m(05012124)	6.10163m(05012124)	6.18932m(05012124)	6.14432m(05012124)
3726875.4	5.87260m(05012124)	5.97598m(05012124)	6.19568m(05012124)	6.14986m(05012124)	6.21404m(05012124)
3726865.4	5.97600m(05012124)	6.06920m(05012124)	6.27965m(05012124)	6.22078m(05012124)	6.27312m(05012124)
3726855.4	6.07045m(05012124)	6.15275m(05012124)	6.35294m(05012124)	6.28100m(05012124)	6.19937m(05012124)
3726845.4	6.15522m(05012124)	6.22601m(05012124)	6.41504m(05012124)	6.33011m(05012124)	6.23625m(05012124)
3726835.4	6.22970m(05012124)	6.28846m(05012124)	6.46551m(05012124)	6.36780m(05012124)	6.26201m(05012124)
3726825.4	6.29331m(05012124)	6.47425m(05012124)	6.50402m(05012124)	6.39384m(05012124)	6.27650m(05012124)
3726815.4	6.34558m(05012124)	6.51371m(05012124)	6.53031m(05012124)	6.40807m(05012124)	6.27966m(05012124)
3726805.4	6.38612m(05012124)	6.54080m(05012124)	6.54421m(05012124)	6.41041m(05012124)	6.27150m(05012124)
3726795.4	6.41461m(05012124)	6.55532m(05012124)	6.54564m(05012124)	6.40088m(05012124)	6.25209m(05012124)
3726785.4	6.43085m(05012124)	6.55718m(05012124)	6.53461m(05012124)	6.37955m(05012124)	6.22157m(05012124)
3726775.4	6.43472m(05012124)	6.54638m(05012124)	6.51120m(05012124)	6.34659m(05012124)	6.27894 (05063024)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	4.99903m(05100624)	5.01571m(05100624)	5.01964m(05100624)	5.01085m(05100624)	4.93607m(05100624)
3727055.4	5.03986m(05100624)	5.04762m(05100624)	4.98321m(05100624)	4.96864m(05100624)	4.94188m(05100624)
3727045.4	5.00941m(05100624)	5.01106m(05100624)	5.00005m(05100624)	4.97666m(05100624)	5.06338m(05012124)
3727035.4	4.97163m(05100624)	4.96748m(05100624)	5.01035m(05100624)	5.07320m(05012124)	5.21377m(05012124)
3727025.4	4.99388m(05100624)	4.98089m(05100624)	5.00771m(05012124)	5.14988m(05012124)	5.36036m(05012124)
3727015.4	4.94347m(05100624)	5.01246m(05012124)	5.15703m(05012124)	5.29458m(05012124)	5.50225m(05012124)
3727005.4	4.95372m(05100624)	5.16278m(05012124)	5.30292m(05012124)	5.43485m(05012124)	5.63855m(05012124)
3726995.4	5.08236m(05012124)	5.30980m(05012124)	5.44449m(05012124)	5.56983m(05012124)	5.76843m(05012124)
3726985.4	5.31518m(05012124)	5.45262m(05012124)	5.58086m(05012124)	5.69867m(05012124)	5.89106m(05012124)
3726975.4	5.45918m(05012124)	5.59034m(05012124)	5.71118m(05012124)	5.82055m(05012124)	6.00566m(05012124)
3726965.4	5.59820m(05012124)	5.72210m(05012124)	5.83461m(05012124)	5.93471m(05012124)	6.11153m(05012124)
3726955.4	5.73135m(05012124)	5.84703m(05012124)	5.95035m(05012124)	6.04043m(05012124)	6.20804m(05012124)
3726945.4	5.85774m(05012124)	5.96432m(05012124)	6.05767m(05012124)	6.13705m(05012124)	6.29460m(05012124)
3726935.4	5.97655m(05012124)	6.07321m(05012124)	6.15588m(05012124)	6.22400m(05012124)	6.37076m(05012124)
3726925.4	5.98056m(05012124)	6.17300m(05012124)	6.24438m(05012124)	6.30077m(05012124)	6.34199m(05012124)
3726915.4	6.07993m(05012124)	6.15705m(05012124)	6.21946m(05012124)	6.26693m(05012124)	6.29944m(05012124)
3726905.4	6.16988m(05012124)	6.23562m(05012124)	6.28627m(05012124)	6.21931m(05012124)	6.24369m(05012124)
3726895.4	6.13646m(05012124)	6.19365m(05012124)	6.23587m(05012124)	6.26320m(05012124)	6.17539m(05012124)
3726885.4	6.20495m(05012124)	6.25043m(05012124)	6.17206m(05012124)	6.19184m(05012124)	6.19741m(05012124)
3726875.4	6.14582m(05012124)	6.18346m(05012124)	6.20627m(05012124)	6.10844m(05012124)	6.10757m(05012124)
3726865.4	6.19261m(05012124)	6.10353m(05012124)	6.11947m(05012124)	6.01375m(05012124)	6.00717m(05012124)
3726855.4	6.22860m(05012124)	6.12824m(05012124)	6.02122m(05012124)	5.90861m(05012124)	5.89703m(05012124)
3726845.4	6.13460m(05012124)	6.02629m(05012124)	5.91236m(05012124)	5.90351m(05012124)	5.77800m(05012124)
3726835.4	6.14931m(05012124)	6.03083m(05012124)	5.90763m(05012124)	5.78070m(05012124)	5.65096m(05012124)
3726825.4	6.15320m(05012124)	6.02505m(05012124)	5.89310m(05012124)	5.75830m(05012124)	5.62153m(05012124)
3726815.4	6.14629m(05012124)	6.00903m(05012124)	5.86889m(05012124)	5.74029 (05063024)	5.70087 (05063024)
3726805.4	6.12864m(05012124)	5.98287m(05012124)	5.86790 (05063024)	5.82608 (05063024)	5.78189 (05063024)
3726795.4	6.10039m(05012124)	6.00006 (05063024)	5.95568 (05063024)	5.90884 (05063024)	5.85970 (05063024)
3726785.4	6.13699 (05063024)	6.08986 (05063024)	6.04019 (05063024)	5.98814 (05063024)	5.93388 (05063024)
3726775.4	6.22886 (05063024)	6.17614 (05063024)	6.12098 (05063024)	6.06354 (05063024)	6.00401 (05063024)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	4.90605m(05100624)	5.04048m(05012124)	5.17459m(05012124)	5.36790m(05012124)	5.48705m(05012124)
3727055.4	5.05233m(05012124)	5.18820m(05012124)	5.31682m(05012124)	5.50609m(05012124)	5.61746m(05012124)
3727045.4	5.20141m(05012124)	5.33190m(05012124)	5.45407m(05012124)	5.63822m(05012124)	5.74095m(05012124)
3727035.4	5.34656m(05012124)	5.47070m(05012124)	5.65869m(05012124)	5.76347m(05012124)	5.85676m(05012124)
3727025.4	5.48692m(05012124)	5.60377m(05012124)	5.78571m(05012124)	5.88108m(05012124)	5.96424m(05012124)
3727015.4	5.62162m(05012124)	5.73027m(05012124)	5.82775m(05012124)	5.99035m(05012124)	6.06276m(05012124)
3727005.4	5.74982m(05012124)	5.84944m(05012124)	5.93711m(05012124)	6.01222m(05012124)	6.07434m(05012124)
3726995.4	5.87072m(05012124)	5.96054m(05012124)	6.03775m(05012124)	6.10187m(05012124)	6.15266m(05012124)
3726985.4	5.98357m(05012124)	6.06292m(05012124)	6.12910m(05012124)	6.10046m(05012124)	6.14125m(05012124)
3726975.4	6.08770m(05012124)	6.15598m(05012124)	6.12703m(05012124)	6.16969m(05012124)	6.19898m(05012124)
3726965.4	6.18248m(05012124)	6.15318m(05012124)	6.19776m(05012124)	6.14548m(05012124)	6.16542m(05012124)
3726955.4	6.26739m(05012124)	6.22542m(05012124)	6.25829m(05012124)	6.19415m(05012124)	6.12083m(05012124)
3726945.4	6.34195m(05012124)	6.28736m(05012124)	6.22244m(05012124)	6.23264m(05012124)	6.14847m(05012124)
3726935.4	6.40582m(05012124)	6.33874m(05012124)	6.26203m(05012124)	6.17679m(05012124)	6.08411m(05012124)
3726925.4	6.36811m(05012124)	6.37938m(05012124)	6.29121m(05012124)	6.19534m(05012124)	6.09286m(05012124)
3726915.4	6.31718m(05012124)	6.32052m(05012124)	6.22335m(05012124)	6.11950m(05012124)	6.01002m(05012124)
3726905.4	6.25368m(05012124)	6.24974m(05012124)	6.14449m(05012124)	6.03355m(05012124)	6.00107m(05012124)
3726895.4	6.17829m(05012124)	6.16778m(05012124)	6.05534m(05012124)	6.02478m(05012124)	5.90122m(05012124)
3726885.4	6.09176m(05012124)	6.07536m(05012124)	5.95665m(05012124)	5.92152m(05012124)	5.87586m(05012124)
3726875.4	5.99483m(05012124)	5.97324m(05012124)	5.94002m(05012124)	5.81010m(05012124)	5.76104m(05012124)
3726865.4	5.88829m(05012124)	5.86221m(05012124)	5.82501m(05012124)	5.77752m(05012124)	5.72061m(05012124)
3726855.4	5.77295m(05012124)	5.74305m(05012124)	5.70251m(05012124)	5.65217m(05012124)	5.59289m(05012124)
3726845.4	5.64964m(05012124)	5.61658m(05012124)	5.57332m(05012124)	5.60514m(05012124)	5.53881m(05012124)
3726835.4	5.51924m(05012124)	5.51059 (05063024)	5.56451 (05063024)	5.56868 (05063024)	5.56933 (05063024)
3726825.4	5.57985 (05063024)	5.58942 (05063024)	5.64125 (05063024)	5.64209 (05063024)	5.63937 (05063024)
3726815.4	5.65916 (05063024)	5.66543 (05063024)	5.71497 (05063024)	5.71231 (05063024)	5.70604 (05063024)
3726805.4	5.73547 (05063024)	5.73826 (05063024)	5.78528 (05063024)	5.77895 (05063024)	5.76897 (05063024)
3726795.4	5.80841 (05063024)	5.80752 (05063024)	5.85181 (05063024)	5.84164 (05063024)	5.82778 (05063024)
3726785.4	5.87757 (05063024)	5.87281 (05063024)	5.91415 (05063024)	5.89996 (05063024)	5.88208 (05063024)
3726775.4	5.94253 (05063024)	5.98648 (05063024)	5.97189 (05063024)	5.95354 (05063024)	5.93148 (05063024)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	5.59645m(05012124)	5.76268m(05012124)	5.84996m(05012124)	5.92494m(05012124)	5.78572m(05012124)
3727055.4	5.71818m(05012124)	5.87659m(05012124)	5.95347m(05012124)	6.01754m(05012124)	5.86466m(05012124)
3727045.4	5.83221m(05012124)	5.98193m(05012124)	6.04785m(05012124)	6.10058m(05012124)	5.93446m(05012124)
3727035.4	5.93790m(05012124)	6.07810m(05012124)	6.13263m(05012124)	6.17372m(05012124)	5.99488m(05012124)
3727025.4	6.03465m(05012124)	6.16464m(05012124)	6.20744m(05012124)	6.23672m(05012124)	6.04577m(05012124)
3727015.4	6.12197m(05012124)	6.16778m(05012124)	6.20018m(05012124)	6.21935m(05012124)	6.08706m(05012124)
3727005.4	6.12325m(05012124)	6.15888m(05012124)	6.18136m(05012124)	6.19098m(05012124)	6.04852m(05012124)
3726995.4	6.19004m(05012124)	6.13839m(05012124)	6.15149m(05012124)	6.15217m(05012124)	6.00046m(05012124)
3726985.4	6.16883m(05012124)	6.18341m(05012124)	6.11110m(05012124)	6.10349m(05012124)	5.94345m(05012124)
3726975.4	6.13628m(05012124)	6.14200m(05012124)	6.06077m(05012124)	6.04555m(05012124)	5.87808m(05012124)
3726965.4	6.09294m(05012124)	6.09041m(05012124)	6.07631m(05012124)	5.97892m(05012124)	5.80490m(05012124)
3726955.4	6.11966m(05012124)	6.02925m(05012124)	6.00812m(05012124)	5.90419m(05012124)	5.72447m(05012124)
3726945.4	6.05694m(05012124)	5.95910m(05012124)	5.93162m(05012124)	5.82191m(05012124)	5.63730m(05012124)
3726935.4	5.98503m(05012124)	5.88055m(05012124)	5.84738m(05012124)	5.73264m(05012124)	5.61512m(05012124)
3726925.4	5.98483m(05012124)	5.87223m(05012124)	5.75597m(05012124)	5.63689m(05012124)	5.51576m(05012124)
3726915.4	5.89592m(05012124)	5.85547m(05012124)	5.73238m(05012124)	5.60721m(05012124)	5.48065m(05012124)
3726905.4	5.87919m(05012124)	5.75441m(05012124)	5.70105m(05012124)	5.57027m(05012124)	5.43876m(05012124)
3726895.4	5.85400m(05012124)	5.72275m(05012124)	5.66215m(05012124)	5.52625m(05012124)	5.42130 (07070724)
3726885.4	5.74276m(05012124)	5.68334m(05012124)	5.61587m(05012124)	5.50651 (07070724)	5.39760 (07070724)
3726875.4	5.70284m(05012124)	5.63634m(05012124)	5.59346 (07070724)	5.47916 (07070724)	5.35754 (07070724)
3726865.4	5.65514m(05012124)	5.60391 (07070724)	5.48655 (07070724)	5.43493 (07070724)	5.34947 (08102824)
3726855.4	5.53012 (07070724)	5.49224 (07070724)	5.45451 (05063024)	5.44867 (08102824)	5.40430 (05063024)
3726845.4	5.53430 (05063024)	5.52968 (05063024)	5.52160 (05063024)	5.51004 (05063024)	5.46413 (05063024)
3726835.4	5.60499 (05063024)	5.59701 (05063024)	5.58552 (05063024)	5.57055 (05063024)	5.52054 (05063024)
3726825.4	5.67247 (05063024)	5.66098 (05063024)	5.64595 (05063024)	5.62741 (05063024)	5.57321 (05063024)
3726815.4	5.73640 (05063024)	5.72123 (05063024)	5.70251 (05063024)	5.68028 (05063024)	5.62179 (05063024)
3726805.4	5.79639 (05063024)	5.77740 (05063024)	5.75486 (05063024)	5.72880 (05063024)	5.66595 (05063024)
3726795.4	5.85207 (05063024)	5.82912 (05063024)	5.80262 (05063024)	5.77262 (05063024)	5.70533 (05063024)
3726785.4	5.90305 (05063024)	5.87600 (05063024)	5.84542 (05063024)	5.81136 (05063024)	5.78539 (08111624)
3726775.4	5.94894 (05063024)	5.91767 (05063024)	5.88289 (05063024)	5.93649 (08111624)	5.95980 (08111624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	5.70175m(05012124)	5.60730m(05012124)	5.50373m(05012124)	5.32293m(05012124)	5.20518m(05012124)
3727055.4	5.76890m(05012124)	5.66351m(05012124)	5.54989m(05012124)	5.35989m(05012124)	5.23402m(05012124)
3727045.4	5.82718m(05012124)	5.71120m(05012124)	5.58793m(05012124)	5.38936m(05012124)	5.25582m(05012124)
3727035.4	5.87645m(05012124)	5.75031m(05012124)	5.61785m(05012124)	5.41137m(05012124)	5.27064m(05012124)
3727025.4	5.91663m(05012124)	5.78083m(05012124)	5.63972m(05012124)	5.42602m(05012124)	5.27861m(05012124)
3727015.4	5.94775m(05012124)	5.73346m(05012124)	5.58496m(05012124)	5.43341m(05012124)	5.27986m(05012124)
3727005.4	5.90027m(05012124)	5.74760m(05012124)	5.59172m(05012124)	5.43372m(05012124)	5.27455m(05012124)
3726995.4	5.84417m(05012124)	5.68458m(05012124)	5.52281m(05012124)	5.35985m(05012124)	5.19657m(05012124)
3726985.4	5.78000m(05012124)	5.68353m(05012124)	5.51566m(05012124)	5.34745m(05012124)	5.17969m(05012124)
3726975.4	5.77859m(05012124)	5.60658m(05012124)	5.43425m(05012124)	5.32861m(05012124)	5.15687m(05012124)
3726965.4	5.69996m(05012124)	5.52332m(05012124)	5.41439m(05012124)	5.23840m(05012124)	5.13652 (07081224)
3726955.4	5.61476m(05012124)	5.50237m(05012124)	5.32199m(05012124)	5.21213 (07081224)	5.10945 (07081224)
3726945.4	5.52349m(05012124)	5.40768m(05012124)	5.29051m(05012124)	5.18235 (07081224)	5.02029 (07070724)
3726935.4	5.42662m(05012124)	5.30796m(05012124)	5.18850m(05012124)	5.09727 (07070724)	5.01186 (07070724)
3726925.4	5.39324m(05012124)	5.26994m(05012124)	5.17582 (07070724)	5.08614 (07070724)	4.98946 (07070724)
3726915.4	5.35334m(05012124)	5.25599 (07070724)	5.16183 (07070724)	5.06060 (07070724)	4.95308 (07070724)
3726905.4	5.33780 (07070724)	5.23896 (07070724)	5.13296 (07070724)	5.02066 (07070724)	4.94638 (08102824)
3726895.4	5.31754 (07070724)	5.20657 (07070724)	5.08927 (07070724)	5.03360 (08102824)	4.99389 (08102824)
3726885.4	5.28142 (07070724)	5.15891 (07070724)	5.12265 (08102824)	5.07899 (08102824)	5.02855 (05063024)
3726875.4	5.25245 (08102824)	5.21356 (08102824)	5.16575 (08102824)	5.12161 (05063024)	5.07941 (05063024)
3726865.4	5.30636 (08102824)	5.26016 (05063024)	5.21725 (05063024)	5.17292 (05063024)	5.12727 (05063024)
3726855.4	5.36070 (05063024)	5.31556 (05063024)	5.26897 (05063024)	5.22103 (05063024)	5.17185 (05063024)
3726845.4	5.41662 (05063024)	5.36764 (05063024)	5.31729 (05063024)	5.26567 (05063024)	5.21288 (05063024)
3726835.4	5.46903 (05063024)	5.41612 (05063024)	5.36192 (05063024)	5.30654 (05063024)	5.25009 (05063024)
3726825.4	5.51759 (05063024)	5.46067 (05063024)	5.40256 (05063024)	5.34336 (05063024)	5.28319 (05063024)
3726815.4	5.56199 (05063024)	5.50099 (05063024)	5.43890 (05063024)	5.39274 (08111624)	5.42501 (08111624)
3726805.4	5.60189 (05063024)	5.53675 (05063024)	5.53037 (08111624)	5.55831 (08111624)	5.57655 (08111624)
3726795.4	5.63744 (08111624)	5.67080 (08111624)	5.69399 (08111624)	5.70712 (08111624)	5.71037 (08111624)
3726785.4	5.81397 (08111624)	5.83197 (08111624)	5.83955 (08111624)	5.83696 (08111624)	5.82450 (08111624)
3726775.4	5.97215 (08111624)	5.97373 (08111624)	5.96487 (08111624)	5.94590 (08111624)	5.91726 (08111624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	5.08218m(05012124)	5.02347m(05012124)	5.02594m(05012124)	5.02021m(05012124)	5.00674m(05012124)
3727055.4	5.10373m(05012124)	5.03816m(05012124)	5.03376m(05012124)	5.02149m(05012124)	5.00183m(05012124)
3727045.4	5.11870m(05012124)	5.04657m(05012124)	5.03554m(05012124)	5.01698m(05012124)	5.05060m(05012124)
3727035.4	5.12717m(05012124)	5.04885m(05012124)	5.03143m(05012124)	5.00687m(05012124)	5.05059 (07081224)
3727025.4	5.12929m(05012124)	5.04514m(05012124)	5.02161m(05012124)	4.99132m(05012124)	5.05936 (07081224)
3727015.4	5.12520m(05012124)	5.03559m(05012124)	5.00623m(05012124)	4.99466 (07081224)	5.05368 (07081224)
3727005.4	5.11506m(05012124)	5.02038m(05012124)	4.99670 (07081224)	4.98889 (07081224)	5.03341 (07081224)
3726995.4	5.03372m(05012124)	4.99966m(05012124)	4.98998 (07081224)	4.96883 (07081224)	4.99861 (07081224)
3726985.4	5.01304m(05012124)	4.99006 (07081224)	4.96891 (07081224)	4.93454 (07081224)	4.97740 (07070724)
3726975.4	4.98912 (07081224)	4.96804 (07081224)	4.93360 (07081224)	4.92283 (07070724)	4.96391 (07070724)
3726965.4	4.96618 (07081224)	4.93889 (07070724)	4.92920 (07070724)	4.90852 (07070724)	4.93691 (07070724)
3726955.4	4.94486 (07070724)	4.93459 (07070724)	4.91318 (07070724)	4.88089 (07070724)	4.89639 (07070724)
3726945.4	4.93896 (07070724)	4.91686 (07070724)	4.88375 (07070724)	4.83996 (07070724)	4.94504 (08102824)
3726935.4	4.91953 (07070724)	4.88564 (07070724)	4.84096 (07070724)	4.88709 (08102824)	4.99510 (08102824)
3726925.4	4.88653 (07070724)	4.85172 (08102824)	4.89662 (08102824)	4.93272 (08102824)	5.03109 (08102824)
3726915.4	4.86096 (08102824)	4.90442 (08102824)	4.93898 (08102824)	4.96449 (08102824)	5.05266 (08102824)
3726905.4	4.91041 (08102824)	4.94347 (08102824)	4.96739 (08102824)	4.98213 (08102824)	5.05969 (08102824)
3726895.4	4.94610 (08102824)	4.96847 (08102824)	4.98161 (08102824)	4.98555 (08102824)	5.05226 (08102824)
3726885.4	4.98837 (05063024)	4.97924 (08102824)	4.98159 (08102824)	4.97488 (08102824)	5.03068 (08102824)
3726875.4	5.03592 (05063024)	5.02070 (05063024)	5.00379 (05063024)	4.98526 (05063024)	4.99547 (08102824)
3726865.4	5.08039 (05063024)	5.06236 (05063024)	5.04265 (05063024)	5.02134 (05063024)	5.03596 (08111624)
3726855.4	5.12151 (05063024)	5.10058 (05063024)	5.07800 (05063024)	5.06779 (08111624)	5.21198 (08111624)
3726845.4	5.15902 (05063024)	5.13511 (05063024)	5.14491 (08111624)	5.23616 (08111624)	5.37452 (08111624)
3726835.4	5.19265 (05063024)	5.22042 (08111624)	5.30877 (08111624)	5.39049 (08111624)	5.52133 (08111624)
3726825.4	5.29417 (08111624)	5.37942 (08111624)	5.45774 (08111624)	5.52861 (08111624)	5.65034 (08111624)
3726815.4	5.44795 (08111624)	5.52271 (08111624)	5.58974 (08111624)	5.64857 (08111624)	5.75968 (08111624)
3726805.4	5.58522 (08111624)	5.64825 (08111624)	5.70284 (08111624)	5.74863 (08111624)	5.84779 (08111624)
3726795.4	5.70399 (08111624)	5.75421 (08111624)	5.79542 (08111624)	5.82737 (08111624)	5.91343 (08111624)
3726785.4	5.80253 (08111624)	5.83906 (08111624)	5.86617 (08111624)	5.88369 (08111624)	5.95571 (08111624)
3726775.4	5.87941 (08111624)	5.90160 (08111624)	5.91410 (08111624)	5.98255 (08111624)	5.97416 (08111624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55A ***
INCLUDING SOURCE(S): L0003593 , L0003594 , L0003595 , L0003596 , L0003597 ,
L0003598 , L0003599 , L0003600 , L0003601 , L0003602 , L0003603 , L0003604 , L0003605 ,
L0003606 , L0003607 ,

*** 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)
418554.30	3726952.94	6.10736m	(05012124)	418588.83	3726936.99	5.68035m	(05012124)
418621.06	3726898.60	5.16093	(07070724)	418540.35	3726921.02	6.11235m	(05012124)
418517.77	3726916.44	6.27405m	(05012124)	418553.95	3726903.64	5.89203m	(05012124)
418569.20	3726897.12	5.71563m	(05012124)	418595.63	3726869.12	5.32790	(07070724)
418474.33	3726881.10	6.18020m	(05012124)	418522.17	3726860.74	5.78851m	(05012124)
418450.23	3726839.32	6.20766m	(05012124)	418483.59	3726835.57	5.81101m	(05012124)
418436.23	3726824.73	6.39193m	(05012124)	418425.80	3726805.10	6.52102m	(05012124)
418595.95	3726915.31	5.47999m	(05012124)	418426.14	3726814.62	6.50409m	(05012124)
418536.67	3726953.06	6.19903m	(05012124)	418556.00	3726851.05	5.52484	(07070724)
418418.06	3726821.00	6.44521m	(05012124)	418550.08	3726960.90	6.14455m	(05012124)
418422.83	3726819.47	6.47877m	(05012124)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	23.24553m(09121824)	24.48286m(09121824)	25.85667m(09121824)	27.39778m(09121824)	29.13820m(09121824)
3727055.4	24.23483m(09121824)	25.58476m(09121824)	27.09204m(09121824)	28.79001m(09121824)	30.72492m(09121824)
3727045.4	25.31300m(09121824)	26.78968m(09121824)	28.45472m(09121824)	30.34107m(09121824)	32.50289m(09121824)
3727035.4	26.49351m(09121824)	28.11925m(09121824)	29.96243m(09121824)	32.07625m(09121824)	34.51465m(09121824)
3727025.4	27.79207m(09121824)	29.59192m(09121824)	31.64836m(09121824)	34.02489m(09121824)	36.79938m(09121824)
3727015.4	29.22544m(09121824)	31.22984m(09121824)	33.53769m(09121824)	36.23836m(09121824)	39.43456m(09121824)
3727005.4	30.82048m(09121824)	33.06765m(09121824)	35.68719m(09121824)	38.77182m(09121824)	42.47383m(09121824)
3726995.4	32.60748m(09121824)	35.14596m(09121824)	38.14090m(09121824)	41.71053m(09121824)	46.07809m(09121824)
3726985.4	34.61936m(09121824)	37.52839m(09121824)	40.97781m(09121824)	45.17272m(09121824)	50.35189m(09121824)
3726975.4	36.91182m(09121824)	40.25303m(09121824)	44.30325m(09121824)	49.29177m(09121824)	55.56316m(09121824)
3726965.4	39.55223m(09121824)	43.44569m(09121824)	48.24872m(09121824)	54.35830m(09121824)	44.84652m(09121824)
3726955.4	42.62215m(09121824)	47.21408m(09121824)	52.99784m(09121824)	43.68545m(09121824)	47.19620m(09121824)
3726945.4	46.24716m(09121824)	51.72516m(09121824)	58.74251m(09121824)	47.86740m(09121824)	50.75018m(09121824)
3726935.4	50.60897m(09121824)	57.33718m(09121824)	48.30819m(09121824)	34.80108m(09121824)	36.54579m(09121824)
3726925.4	55.98743m(09121824)	45.09404m(09121824)	49.92168m(09121824)	36.01851m(09121824)	36.76146m(09121824)
3726915.4	45.09695m(09121824)	48.19110m(09121824)	51.78903m(09121824)	38.26210m(09121824)	37.81057m(09121824)
3726905.4	34.00444m(09121824)	35.97334m(09121824)	38.74391m(09121824)	42.13500m(09121824)	40.00991m(09121824)
3726895.4	35.10985m(09121824)	36.19850m(09121824)	37.72060m(09121824)	39.86422m(09121824)	42.60532m(09121824)
3726885.4	37.06886m(09121824)	37.11888m(09121824)	37.39780m(09121824)	38.02339m(09121824)	38.92338m(09121824)
3726875.4	40.46807m(09121824)	39.13140m(09121824)	37.95783m(09121824)	37.20960m(09121824)	36.78513m(09121824)
3726865.4	40.11610m(09121824)	27.65696m(09121824)	39.50285m(09121824)	37.24335m(09121824)	35.67872m(09121824)
3726855.4	38.23304m(09121824)	39.73478m(09121824)	55.95163m(09121824)	37.90538m(09121824)	35.22207m(09121824)
3726845.4	37.31732m(09121824)	37.35039m(09121824)	37.51925m(09121824)	49.81003m(09121824)	46.22036m(09121824)
3726835.4	37.28444m(09121824)	36.09418m(09121824)	35.23173m(09121824)	47.65102m(09121824)	43.20446m(09121824)
3726825.4	37.99563m(09121824)	35.59663m(09121824)	33.88160m(09121824)	45.71773m(09121824)	53.58648m(09121824)
3726815.4	51.56276m(09121824)	48.35470m(09121824)	45.43698m(09121824)	54.74902m(09121824)	48.61487m(09121824)
3726805.4	49.27128m(09121824)	44.85743m(09121824)	56.19003m(09121824)	49.61668m(09121824)	44.52958m(09121824)
3726795.4	47.45342m(09121824)	42.40213m(09121824)	50.62528m(09121824)	45.32648m(09121824)	41.08145m(09121824)
3726785.4	58.50074m(09121824)	51.56597m(09121824)	46.11613m(09121824)	41.69974m(09121824)	38.12134m(09121824)
3726775.4	52.59407m(09121824)	46.91337m(09121824)	42.37539m(09121824)	38.64442m(09121824)	35.55806m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	31.11748m(09121824)	33.39891m(09121824)	36.04671m(09121824)	39.18098m(09121824)	42.94002m(09121824)
3727055.4	32.94278m(09121824)	35.53094m(09121824)	38.56622m(09121824)	42.20401m(09121824)	46.63854m(09121824)
3727045.4	35.01382m(09121824)	37.96011m(09121824)	41.48643m(09121824)	45.77202m(09121824)	51.07447m(09121824)
3727035.4	37.37213m(09121824)	40.77226m(09121824)	44.89820m(09121824)	50.03323m(09121824)	56.60136m(09121824)
3727025.4	40.09024m(09121824)	44.06072m(09121824)	48.96468m(09121824)	55.24818m(09121824)	44.67578m(09121824)
3727015.4	43.27181m(09121824)	47.97260m(09121824)	53.85489m(09121824)	45.43917m(09121824)	48.42288m(09121824)
3727005.4	47.02633m(09121824)	52.71826m(09121824)	44.81513m(09121824)	33.92256m(09121824)	35.51847m(09121824)
3726995.4	51.54025m(09121824)	42.75336m(09121824)	46.82192m(09121824)	35.44872m(09121824)	36.23854m(09121824)
3726985.4	57.01981m(09121824)	45.94867m(09121824)	49.32259m(09121824)	38.03128m(09121824)	37.79690m(09121824)
3726975.4	47.95055m(09121824)	34.89446m(09121824)	37.35208m(09121824)	55.74639m(09121824)	40.64966m(09121824)
3726965.4	34.46601m(09121824)	35.55696m(09121824)	37.00136m(09121824)	39.01181m(09121824)	41.76605m(09121824)
3726955.4	36.69300m(09121824)	36.92282m(09121824)	37.24626m(09121824)	37.90412m(09121824)	38.91072m(09121824)
3726945.4	53.82548m(09121824)	39.47058m(09121824)	38.43408m(09121824)	37.68449m(09121824)	37.31676m(09121824)
3726935.4	38.96800m(09121824)	42.38612m(09121824)	40.77212m(09121824)	38.36770m(09121824)	36.68157m(09121824)
3726925.4	37.87031m(09121824)	39.43546m(09121824)	41.39129m(09121824)	39.80856m(09121824)	36.70319m(09121824)
3726915.4	37.58843m(09121824)	37.70036m(09121824)	38.06544m(09121824)	52.81627m(09121824)	48.81431m(09121824)
3726905.4	38.22661m(09121824)	36.98003m(09121824)	36.15949m(09121824)	35.49635m(09121824)	46.01640m(09121824)
3726895.4	39.76144m(09121824)	37.03133m(09121824)	35.16581m(09121824)	33.74042m(09121824)	58.76608m(09121824)
3726885.4	54.47482m(09121824)	51.04148m(09121824)	48.18442m(09121824)	45.18836m(09121824)	52.86978m(09121824)
3726875.4	36.49622m(09121824)	47.91064m(09121824)	44.18993m(09121824)	54.19055m(09121824)	48.15198m(09121824)
3726865.4	34.50217m(09121824)	45.76673m(09121824)	55.50551m(09121824)	49.18536m(09121824)	44.21465m(09121824)
3726855.4	48.13982m(09121824)	56.69347m(09121824)	50.17947m(09121824)	45.01474m(09121824)	40.85172m(09121824)
3726845.4	43.17405m(09121824)	51.24544m(09121824)	45.86697m(09121824)	41.53621m(09121824)	37.97914m(09121824)
3726835.4	52.46904m(09121824)	46.76405m(09121824)	42.25754m(09121824)	38.57305m(09121824)	35.50352m(09121824)
3726825.4	47.68371m(09121824)	42.98358m(09121824)	39.17996m(09121824)	36.00859m(09121824)	33.33591m(09121824)
3726815.4	43.74568m(09121824)	39.76736m(09121824)	36.51751m(09121824)	33.76717m(09121824)	31.42400m(09121824)
3726805.4	40.42469m(09121824)	37.02412m(09121824)	34.19709m(09121824)	31.79439m(09121824)	29.71938m(09121824)
3726795.4	37.57912m(09121824)	34.64040m(09121824)	32.16672m(09121824)	30.04060m(09121824)	28.18884m(09121824)
3726785.4	35.10905m(09121824)	32.55007m(09121824)	30.36355m(09121824)	28.47078m(09121824)	26.80732m(09121824)
3726775.4	32.94534m(09121824)	30.69792m(09121824)	28.75271m(09121824)	27.05470m(09121824)	25.55230m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	47.54431m(09121824)	53.36662m(09121824)	43.93499m(09121824)	48.73390m(09121824)	35.56933m(09121824)
3727055.4	52.16560m(09121824)	43.61807m(09121824)	46.76161m(09121824)	50.63825m(09121824)	37.54436m(09121824)
3727045.4	57.78327m(09121824)	48.41885m(09121824)	35.89122m(09121824)	53.74113m(09121824)	40.95022m(09121824)
3727035.4	46.76739m(09121824)	34.75141m(09121824)	36.11030m(09121824)	37.98855m(09121824)	40.62688m(09121824)
3727025.4	48.73568m(09121824)	36.47982m(09121824)	36.89453m(09121824)	37.57527m(09121824)	38.65721m(09121824)
3727015.4	51.46407m(09121824)	39.46039m(09121824)	38.65940m(09121824)	37.98140m(09121824)	37.68117m(09121824)
3727005.4	37.71700m(09121824)	40.85450m(09121824)	41.78794m(09121824)	39.37178m(09121824)	37.59067m(09121824)
3726995.4	37.32618m(09121824)	38.89061m(09121824)	40.98454m(09121824)	41.73238m(09121824)	38.22324m(09121824)
3726985.4	37.66153m(09121824)	37.83622m(09121824)	38.32051m(09121824)	38.94337m(09121824)	51.51717m(09121824)
3726975.4	38.96455m(09121824)	37.68730m(09121824)	36.87960m(09121824)	36.33751m(09121824)	49.17625m(09121824)
3726965.4	41.36717m(09121824)	38.37253m(09121824)	36.30831m(09121824)	34.82406m(09121824)	47.32851m(09121824)
3726955.4	40.14542m(09121824)	53.48668m(09121824)	50.72127m(09121824)	47.90958m(09121824)	57.80333m(09121824)
3726945.4	37.19238m(09121824)	51.02446m(09121824)	46.74261m(09121824)	43.48543m(09121824)	52.23260m(09121824)
3726935.4	35.50179m(09121824)	49.40537m(09121824)	44.17066m(09121824)	53.48643m(09121824)	47.63015m(09121824)
3726925.4	34.57454m(09121824)	62.39853m(09121824)	54.61302m(09121824)	48.58043m(09121824)	43.75505m(09121824)
3726915.4	45.66848m(09121824)	55.93607m(09121824)	49.56553m(09121824)	44.57022m(09121824)	40.50760m(09121824)
3726905.4	42.29099m(09121824)	50.68110m(09121824)	45.42219m(09121824)	41.20157m(09121824)	37.72657m(09121824)
3726895.4	51.77834m(09121824)	46.30920m(09121824)	41.92281m(09121824)	38.31908m(09121824)	35.31267m(09121824)
3726885.4	47.19496m(09121824)	42.63256m(09121824)	38.89804m(09121824)	35.81978m(09121824)	33.19317m(09121824)
3726875.4	43.40268m(09121824)	39.53687m(09121824)	36.32384m(09121824)	33.63174m(09121824)	31.32362m(09121824)
3726865.4	40.19373m(09121824)	36.87369m(09121824)	34.07869m(09121824)	31.70889m(09121824)	29.65886m(09121824)
3726855.4	37.43086m(09121824)	34.55067m(09121824)	32.10188m(09121824)	30.00189m(09121824)	28.16596m(09121824)
3726845.4	35.02901m(09121824)	32.51032m(09121824)	30.34931m(09121824)	28.46828m(09121824)	26.81709m(09121824)
3726835.4	32.91959m(09121824)	30.69980m(09121824)	28.77616m(09121824)	27.08696m(09121824)	25.59195m(09121824)
3726825.4	31.05963m(09121824)	29.08594m(09121824)	27.35748m(09121824)	25.83027m(09121824)	24.46976m(09121824)
3726815.4	29.39998m(09121824)	27.63221m(09121824)	26.07157m(09121824)	24.68345m(09121824)	23.44000m(09121824)
3726805.4	27.90944m(09121824)	26.31533m(09121824)	24.89919m(09121824)	23.63212m(09121824)	22.49109m(09121824)
3726795.4	26.56065m(09121824)	25.11620m(09121824)	23.82532m(09121824)	22.66407m(09121824)	21.61328m(09121824)
3726785.4	25.33394m(09121824)	24.01907m(09121824)	22.83751m(09121824)	21.76932m(09121824)	20.79844m(09121824)
3726775.4	24.21300m(09121824)	23.01089m(09121824)	21.92526m(09121824)	20.93931m(09121824)	20.03957 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	36.61385m(09121824)	38.10978m(09121824)	40.21857m(09121824)	27.99009m(09121824)	39.78819m(09121824)
3727055.4	37.50864m(09121824)	37.73553m(09121824)	38.31040m(09121824)	39.20085m(09121824)	54.32990m(09121824)
3727045.4	39.46998m(09121824)	38.22446m(09121824)	37.42775m(09121824)	37.00464m(09121824)	36.69634m(09121824)
3727035.4	42.80641m(09121824)	39.64703m(09121824)	37.38887m(09121824)	35.83361m(09121824)	34.66286m(09121824)
3727025.4	40.11576m(09121824)	55.85654m(09121824)	37.91866m(09121824)	35.30254m(09121824)	47.94444m(09121824)
3727015.4	37.67978m(09121824)	37.79739m(09121824)	49.56332m(09121824)	46.07677m(09121824)	57.44985m(09121824)
3727005.4	36.38380m(09121824)	35.49693m(09121824)	47.27569m(09121824)	43.02684m(09121824)	51.86523m(09121824)
3726995.4	35.84594m(09121824)	34.13210m(09121824)	60.08294m(09121824)	52.90385m(09121824)	47.25214m(09121824)
3726985.4	48.27982m(09121824)	45.32217m(09121824)	53.98398m(09121824)	48.13243m(09121824)	43.45105m(09121824)
3726975.4	44.84389m(09121824)	55.32509m(09121824)	49.08539m(09121824)	44.20845m(09121824)	40.24593m(09121824)
3726965.4	56.56344m(09121824)	50.08398m(09121824)	45.00558m(09121824)	40.89990m(09121824)	37.50243m(09121824)
3726955.4	51.09928m(09121824)	45.81863m(09121824)	41.54393m(09121824)	38.06022m(09121824)	35.12201m(09121824)
3726945.4	46.69194m(09121824)	42.25924m(09121824)	38.62358m(09121824)	35.59624m(09121824)	33.03220m(09121824)
3726935.4	43.00457m(09121824)	39.23461m(09121824)	36.09716m(09121824)	33.45410m(09121824)	31.18809m(09121824)
3726925.4	39.86618m(09121824)	36.62287m(09121824)	33.88941m(09121824)	31.56014m(09121824)	29.54731m(09121824)
3726915.4	37.16039m(09121824)	34.34921m(09121824)	31.95066m(09121824)	29.88217m(09121824)	28.07596m(09121824)
3726905.4	34.81366m(09121824)	32.34966m(09121824)	30.22788m(09121824)	28.37659m(09121824)	26.74327m(09121824)
3726895.4	32.76274m(09121824)	30.58216m(09121824)	28.68468m(09121824)	27.01399m(09121824)	25.53564m(09121824)
3726885.4	30.94838m(09121824)	29.00112m(09121824)	27.29424m(09121824)	25.78055m(09121824)	24.42956m(09121824)
3726875.4	29.32785m(09121824)	27.57763m(09121824)	26.03036m(09121824)	24.65532m(09121824)	23.41869m(09121824)
3726865.4	27.87023m(09121824)	26.28868m(09121824)	24.88153m(09121824)	23.62074m(09121824)	22.48388m(09121824)
3726855.4	26.55177m(09121824)	25.11533m(09121824)	23.82983m(09121824)	22.67197m(09121824)	21.62306m(09121824)
3726845.4	25.35331m(09121824)	24.04232m(09121824)	22.86298m(09121824)	21.79189m(09121824)	20.82088m(09121824)
3726835.4	24.25823m(09121824)	23.05668m(09121824)	21.96674m(09121824)	20.97954m(09121824)	20.07843 (06010624)
3726825.4	23.24930m(09121824)	22.14375m(09121824)	21.13597m(09121824)	20.22005m(09121824)	19.38992 (06010624)
3726815.4	22.31886m(09121824)	21.29807m(09121824)	20.36331m(09121824)	19.51895 (06010624)	18.74462 (06010624)
3726805.4	21.45750m(09121824)	20.51196m(09121824)	19.64851 (06010624)	18.86333 (06010624)	18.13825 (06010624)
3726795.4	20.65732m(09121824)	19.77989 (06010624)	18.98218 (06010624)	18.24752 (06010624)	17.56724 (06010624)
3726785.4	19.91160m(09121824)	19.10257 (06010624)	18.35669 (06010624)	17.66781 (06010624)	17.02840 (06010624)
3726775.4	19.22169 (06010624)	18.46583 (06010624)	17.76812 (06010624)	17.12099 (06010624)	16.51910 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	37.09215m(09121824)	35.25487m(09121824)	33.85153m(09121824)	58.40707m(09121824)	51.57330m(09121824)
3727055.4	50.97026m(09121824)	48.13849m(09121824)	59.73940m(09121824)	52.57743m(09121824)	47.02951m(09121824)
3727045.4	47.71860m(09121824)	44.10791m(09121824)	53.77719m(09121824)	47.91530m(09121824)	43.27324m(09121824)
3727035.4	45.47794m(09121824)	54.97549m(09121824)	48.86138m(09121824)	44.02222m(09121824)	40.09875m(09121824)
3727025.4	56.05869m(09121824)	49.77884m(09121824)	44.76461m(09121824)	40.70078m(09121824)	37.36982m(09121824)
3727015.4	50.75368m(09121824)	45.56459m(09121824)	41.35746m(09121824)	37.88089m(09121824)	34.99738m(09121824)
3727005.4	46.40592m(09121824)	42.04228m(09121824)	38.45673m(09121824)	35.45315m(09121824)	32.92088m(09121824)
3726995.4	42.73234m(09121824)	39.04479m(09121824)	35.95050m(09121824)	33.32839m(09121824)	31.09287m(09121824)
3726985.4	39.61592m(09121824)	36.45277m(09121824)	33.76317m(09121824)	31.45613m(09121824)	29.46506m(09121824)
3726975.4	36.95845m(09121824)	34.19628m(09121824)	31.83525m(09121824)	29.78925m(09121824)	28.00341m(09121824)
3726965.4	34.64806m(09121824)	32.21991m(09121824)	30.12396m(09121824)	28.29455m(09121824)	26.68371m(09121824)
3726955.4	32.61656m(09121824)	30.46938m(09121824)	28.59602m(09121824)	26.94700m(09121824)	25.48517m(09121824)
3726945.4	30.82505m(09121824)	28.90701m(09121824)	27.21909m(09121824)	25.72435m(09121824)	24.39159m(09121824)
3726935.4	29.22454m(09121824)	27.50018m(09121824)	25.97128m(09121824)	24.60957m(09121824)	23.38628m(09121824)
3726925.4	27.78277m(09121824)	26.22368m(09121824)	24.83463m(09121824)	23.58851m(09121824)	22.46351m(09121824)
3726915.4	26.48202m(09121824)	25.06119m(09121824)	23.79127m(09121824)	22.64629m(09121824)	21.60792m(09121824)
3726905.4	25.29592m(09121824)	24.00115m(09121824)	22.83186m(09121824)	21.77587m(09121824)	20.81425m(09121824)
3726895.4	24.21150m(09121824)	23.02401m(09121824)	21.94608m(09121824)	20.96894m(09121824)	20.07570m(09121824)
3726885.4	23.21964m(09121824)	22.12253m(09121824)	21.12545m(09121824)	20.21843m(09121824)	19.39485 (06010624)
3726875.4	22.30185m(09121824)	21.28779m(09121824)	20.36330 (06010624)	19.52781 (06010624)	18.75810 (06010624)
3726865.4	21.45248m(09121824)	20.51221m(09121824)	19.66323 (06010624)	18.88132 (06010624)	18.15991 (06010624)
3726855.4	20.66793m(09121824)	19.79997 (06010624)	19.00671 (06010624)	18.27433 (06010624)	17.59680 (06010624)
3726845.4	19.93796 (06010624)	19.13319 (06010624)	18.39059 (06010624)	17.70306 (06010624)	17.06565 (06010624)
3726835.4	19.26050 (06010624)	18.50762 (06010624)	17.81095 (06010624)	17.16436 (06010624)	16.56376 (06010624)
3726825.4	18.62519 (06010624)	17.91933 (06010624)	17.26449 (06010624)	16.65551 (06010624)	16.08860 (06010624)
3726815.4	18.02804 (06010624)	17.36489 (06010624)	16.74845 (06010624)	16.17389 (06010624)	15.63789 (06010624)
3726805.4	17.46541 (06010624)	16.84147 (06010624)	16.26019 (06010624)	15.71719 (06010624)	15.20965 (06010624)
3726795.4	16.93439 (06010624)	16.34638 (06010624)	15.79734 (06010624)	15.28337 (06010624)	14.80206 (06010624)
3726785.4	16.43230 (06010624)	15.87719 (06010624)	15.35778 (06010624)	14.87057 (06010624)	14.41353 (06010624)
3726775.4	15.95662 (06010624)	15.43175 (06010624)	14.93963 (06010624)	14.47717 (06010624)	14.04261 (06010624)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	46.20051m(09121824)	41.88416m(09121824)	38.32621m(09121824)	35.34904m(09121824)	32.81766m(09121824)
3727055.4	42.55487m(09121824)	38.89382m(09121824)	35.83584m(09121824)	33.23872m(09121824)	31.00863m(09121824)
3727045.4	39.48254m(09121824)	36.32158m(09121824)	33.65935m(09121824)	31.37625m(09121824)	29.39398m(09121824)
3727035.4	36.84074m(09121824)	34.09113m(09121824)	31.74807m(09121824)	29.71995m(09121824)	27.94251m(09121824)
3727025.4	34.54161m(09121824)	32.12844m(09121824)	30.05211m(09121824)	28.23558m(09121824)	26.63043m(09121824)
3727015.4	32.52161m(09121824)	30.39218m(09121824)	28.53386m(09121824)	26.89517m(09121824)	25.43851m(09121824)
3727005.4	30.73658m(09121824)	28.83667m(09121824)	27.16342m(09121824)	25.67833m(09121824)	24.35000m(09121824)
3726995.4	29.14716m(09121824)	27.43787m(09121824)	25.92315m(09121824)	24.57009m(09121824)	23.35329m(09121824)
3726985.4	27.71810m(09121824)	26.16994m(09121824)	24.79125m(09121824)	23.55312m(09121824)	22.43417m(09121824)
3726975.4	26.42324m(09121824)	25.01795m(09121824)	23.75738m(09121824)	22.61741m(09121824)	21.58465m(09121824)
3726965.4	25.24827m(09121824)	23.96461m(09121824)	22.80488m(09121824)	21.75551m(09121824)	20.79679m(09121824)
3726955.4	24.17499m(09121824)	22.99492m(09121824)	21.92835m(09121824)	20.95478m(09121824)	20.06387m(09121824)
3726945.4	23.19036m(09121824)	22.10338m(09121824)	21.11439m(09121824)	20.21027m(09121824)	19.38255m(09121824)
3726935.4	22.28347m(09121824)	21.27860m(09121824)	20.36076m(09121824)	19.51869m(09121824)	18.74650 (06010624)
3726925.4	21.44219m(09121824)	20.51027m(09121824)	19.65598m(09121824)	18.87412 (06010624)	18.15451 (06010624)
3726915.4	20.66140m(09121824)	19.79452m(09121824)	19.00276 (06010624)	18.27362 (06010624)	17.59737 (06010624)
3726905.4	19.93442m(09121824)	19.13236 (06010624)	18.39347 (06010624)	17.70867 (06010624)	17.07209 (06010624)
3726895.4	19.26301 (06010624)	18.51415 (06010624)	17.82054 (06010624)	17.17614 (06010624)	16.57594 (06010624)
3726885.4	18.63566 (06010624)	17.93302 (06010624)	17.28063 (06010624)	16.67332 (06010624)	16.10639 (06010624)
3726875.4	18.04614 (06010624)	17.38556 (06010624)	16.77098 (06010624)	16.19761 (06010624)	15.66120 (06010624)
3726865.4	17.49095 (06010624)	16.86893 (06010624)	16.28896 (06010624)	15.74670 (06010624)	15.23837 (06010624)
3726855.4	16.96716 (06010624)	16.38045 (06010624)	15.83221 (06010624)	15.31854 (06010624)	14.83611 (06010624)
3726845.4	16.47206 (06010624)	15.91771 (06010624)	15.39861 (06010624)	14.91133 (06010624)	14.45284 (06010624)
3726835.4	16.00319 (06010624)	15.47855 (06010624)	14.98632 (06010624)	14.52341 (06010624)	14.08712 (06010624)
3726825.4	15.55833 (06010624)	15.06106 (06010624)	14.59365 (06010624)	14.15332 (06010624)	13.73766 (06010624)
3726815.4	15.13552 (06010624)	14.66354 (06010624)	14.21910 (06010624)	13.79975 (06010624)	13.40328 (06010624)
3726805.4	14.73303 (06010624)	14.28444 (06010624)	13.86134 (06010624)	13.46149 (06010624)	13.08294 (06010624)
3726795.4	14.34927 (06010624)	13.92238 (06010624)	13.51912 (06010624)	13.13748 (06010624)	12.77566 (06010624)
3726785.4	13.98283 (06010624)	13.57612 (06010624)	13.19136 (06010624)	12.82672 (06010624)	12.48073 (06010524)
3726775.4	13.63244 (06010624)	13.24454 (06010624)	12.87848 (06010524)	12.55583 (06010524)	12.24946 (06010524)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	30.64947m(09121824)	28.75692m(09121824)	27.08980m(09121824)	25.60699m(09121824)	24.27896m(09121824)
3727055.4	29.07267m(09121824)	27.36941m(09121824)	25.85778m(09121824)	24.50563m(09121824)	23.28801m(09121824)
3727045.4	27.65383m(09121824)	26.11216m(09121824)	24.73500m(09121824)	23.49627m(09121824)	22.37375m(09121824)
3727035.4	26.36980m(09121824)	24.96718m(09121824)	23.70677m(09121824)	22.56741m(09121824)	21.53007m(09121824)
3727025.4	25.20165m(09121824)	23.91962m(09121824)	22.76132m(09121824)	21.70949m(09121824)	20.74768m(09121824)
3727015.4	24.13406m(09121824)	22.95726m(09121824)	21.88872m(09121824)	20.91439m(09121824)	20.01982m(09121824)
3727005.4	23.15408m(09121824)	22.06964m(09121824)	21.08050m(09121824)	20.17514m(09121824)	19.34082m(09121824)
3726995.4	22.25249m(09121824)	21.24811m(09121824)	20.32957m(09121824)	19.48588m(09121824)	18.70639 (06010624)
3726985.4	21.41737m(09121824)	20.48527m(09121824)	19.62977m(09121824)	18.84148m(09121824)	18.11956 (06010624)
3726975.4	20.64234m(09121824)	19.77475m(09121824)	18.97586m(09121824)	18.24381 (06010624)	17.56740 (06010624)
3726965.4	19.92092m(09121824)	19.11115m(09121824)	18.36842 (06010624)	17.68404 (06010624)	17.04697 (06010624)
3726955.4	19.24745m(09121824)	18.49371 (06010624)	17.80081 (06010624)	17.15656 (06010624)	16.55555 (06010624)
3726945.4	18.61974 (06010624)	17.91817 (06010624)	17.26612 (06010624)	16.65865 (06010624)	16.09063 (06010624)
3726935.4	18.03608 (06010624)	17.37615 (06010624)	16.76157 (06010624)	16.18774 (06010624)	15.64997 (06010624)
3726925.4	17.48662 (06010624)	16.86484 (06010624)	16.28454 (06010624)	15.74153 (06010624)	15.23160 (06010624)
3726915.4	16.96843 (06010624)	16.38157 (06010624)	15.83267 (06010624)	15.31801 (06010624)	14.83374 (06010624)
3726905.4	16.47882 (06010624)	15.92393 (06010624)	15.40388 (06010624)	14.91535 (06010624)	14.45482 (06010624)
3726895.4	16.01531 (06010624)	15.48979 (06010624)	14.99632 (06010624)	14.53194 (06010624)	14.09341 (06010624)
3726885.4	15.57571 (06010624)	15.07725 (06010624)	14.60833 (06010624)	14.16632 (06010624)	13.74822 (06010624)
3726875.4	15.15810 (06010624)	14.68460 (06010624)	14.23843 (06010624)	13.81718 (06010624)	13.41810 (06010624)
3726865.4	14.76071 (06010624)	14.31033 (06010624)	13.88526 (06010624)	13.48333 (06010624)	13.10200 (06010624)
3726855.4	14.38199 (06010624)	13.95306 (06010624)	13.54762 (06010624)	13.16371 (06010624)	12.79895 (06010624)
3726845.4	14.02054 (06010624)	13.61156 (06010624)	13.22441 (06010624)	12.85733 (06010624)	12.50810 (06010624)
3726835.4	13.67511 (06010624)	13.28470 (06010624)	12.91463 (06010624)	12.56331 (06010624)	12.22864 (06010624)
3726825.4	13.34453 (06010624)	12.97147 (06010624)	12.61739 (06010624)	12.28084 (06010624)	11.95984 (06010624)
3726815.4	13.02778 (06010624)	12.67095 (06010624)	12.33185 (06010624)	12.00916 (06010624)	11.70103 (06010624)
3726805.4	12.72391 (06010624)	12.38228 (06010624)	12.05725 (06010624)	11.75498 (06010524)	11.48771 (06010524)
3726795.4	12.43207 (06010624)	12.10715 (06010524)	11.82228 (06010524)	11.55151 (06010524)	11.29704 (06010524)
3726785.4	12.17613 (06010524)	11.89000 (06010524)	11.61810 (06010524)	11.35935 (06010524)	11.11686 (06010524)
3726775.4	11.95803 (06010524)	11.68491 (06010524)	11.42501 (06010524)	11.18217 (06010524)	10.94599 (06010524)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 55B ***
INCLUDING SOURCE(S): L0003608 , L0003609 , L0003610 , L0003611 , L0003612 ,
L0003613 , L0003614 , L0003615 , L0003616 , L0003617 , L0003618 , L0003619 , L0003620 ,
L0003621 , L0003622 , L0003623 , L0003624 , L0003625 , L0003626 , L0003627 , L0003628 ,
L0003629 , L0003630 , L0003631 , L0003632 , L0003633 , L0003634 , L0003635 , . . . ,

*** 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)
418554.30	3726952.94	32.51950m	(09121824)	418588.83	3726936.99	24.40441m	(09121824)
418621.06	3726898.60	18.33582	(06010624)	418540.35	3726921.02	29.91737m	(09121824)
418517.77	3726916.44	34.08914m	(09121824)	418553.95	3726903.64	25.36336m	(09121824)
418569.20	3726897.12	22.81344m	(09121824)	418595.63	3726869.12	18.39723	(06010624)
418474.33	3726881.10	38.25405m	(09121824)	418522.17	3726860.74	24.86545m	(09121824)
418450.23	3726839.32	35.19429m	(09121824)	418483.59	3726835.57	27.48142m	(09121824)
418436.23	3726824.73	35.75412m	(09121824)	418425.80	3726805.10	34.15928m	(09121824)
418595.95	3726915.31	21.59541m	(09121824)	418426.14	3726814.62	36.25566m	(09121824)
418536.67	3726953.06	37.21728m	(09121824)	418556.00	3726851.05	20.33277m	(09121824)
418418.06	3726821.00	40.68340m	(09121824)	418550.08	3726960.90	35.21321m	(09121824)
418422.83	3726819.47	38.55795m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418355.94	418365.94	418375.94	418385.94	418395.94
3727065.4	344.27489m(09121824)	346.64171m(09121824)	349.03176m(09121824)	349.82165m(09121824)	350.47336m(09121824)
3727055.4	257.88065m(09121824)	261.97907m(09121824)	322.11105m(09121824)	333.37748m(09121824)	272.54713m(09121824)
3727045.4	273.35333m(09121824)	278.55058m(09121824)	359.05986m(09121824)	287.32615m(09121824)	290.85531m(09121824)
3727035.4	284.74202m(09121824)	291.52317m(09121824)	250.69081m(09121824)	301.37885m(09121824)	306.93109m(09121824)
3727025.4	289.86483m(09121824)	298.04564m(09121824)	322.80356m(09121824)	309.40682m(09121824)	317.78697m(09121824)
3727015.4	289.14022m(09121824)	298.03154m(09121824)	377.76090m(09121824)	311.67542m(09121824)	322.52558m(09121824)
3727005.4	348.11188m(09121824)	352.09531m(09121824)	355.66290m(09121824)	310.58608m(09121824)	383.09073m(09121824)
3726995.4	369.64231m(09121824)	378.69339m(09121824)	389.43953m(09121824)	401.31994m(09121824)	416.08591m(09121824)
3726985.4	338.72303m(09121824)	348.45764m(09121824)	359.41363m(09121824)	372.17991m(09121824)	386.99601m(09121824)
3726975.4	320.98143m(09121824)	331.54265m(09121824)	343.44058m(09121824)	357.28911m(09121824)	373.53227m(09121824)
3726965.4	311.39411m(09121824)	323.03426m(09121824)	336.36111m(09121824)	351.93757m(09121824)	352.91980m(09121824)
3726955.4	307.43868m(09121824)	320.45896m(09121824)	335.53661m(09121824)	336.55718m(09121824)	351.66530m(09121824)
3726945.4	307.84621m(09121824)	322.59500m(09121824)	339.88044m(09121824)	340.48418m(09121824)	356.33262m(09121824)
3726935.4	311.99493m(09121824)	329.02060m(09121824)	331.56479m(09121824)	330.99328m(09121824)	347.50285m(09121824)
3726925.4	319.82530m(09121824)	320.48117m(09121824)	338.29013m(09121824)	339.26322m(09121824)	357.10448m(09121824)
3726915.4	313.76514m(09121824)	329.93481m(09121824)	348.38520m(09121824)	352.09399m(09121824)	371.78090m(09121824)
3726905.4	309.85045m(09121824)	326.77960m(09121824)	346.76672m(09121824)	370.43441m(09121824)	392.52075m(09121824)
3726895.4	320.60022m(09121824)	339.01684m(09121824)	360.77765m(09121824)	387.24200m(09121824)	419.76919m(09121824)
3726885.4	334.95205m(09121824)	355.34110m(09121824)	379.84930m(09121824)	410.29444m(09121824)	449.03325m(09121824)
3726875.4	353.94923m(09121824)	376.90394m(09121824)	405.35272m(09121824)	442.29022m(09121824)	492.12746m(09121824)
3726865.4	373.13936m(09121824)	390.28723m(09121824)	439.39236m(09121824)	486.82457m(09121824)	556.37534m(09121824)
3726855.4	395.86692m(09121824)	434.42941m(09121824)	499.42801m(09121824)	550.94366m(09121824)	658.79420m(09121824)
3726845.4	426.41537m(09121824)	474.63897m(09121824)	542.36858m(09121824)	661.06308m(09121824)	682.54993m(09121824)
3726835.4	467.80077m(09121824)	532.68236m(09121824)	633.47541m(09121824)	677.71434m(09121824)	625.15585m(09121824)
3726825.4	525.56770m(09121824)	621.10955m(09121824)	655.67594m(09121824)	631.72976m(09121824)	673.15508m(09121824)
3726815.4	623.53083m(09121824)	660.78571m(09121824)	632.93727m(09121824)	677.45098m(09121824)	688.67341m(09121824)
3726805.4	761.15783m(09121824)	631.06425m(09121824)	678.07171m(09121824)	704.89037m(09121824)	878.11468m(09121824)
3726795.4	629.27911m(09121824)	659.75979m(09121824)	715.16162m(09121824)	906.58660m(09121824)	733.64901m(09121824)
3726785.4	668.07070m(09121824)	720.59155m(09121824)	922.29714m(09121824)	756.54351m(09121824)	719.26232m(09121824)
3726775.4	836.42038m(09121824)	933.72565m(09121824)	751.65551m(09121824)	608.60124m(09121824)	581.05399m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418405.94	418415.94	418425.94	418435.94	418445.94
3727065.4	351.33647m(09121824)	351.25369m(09121824)	350.97430m(09121824)	351.58948m(09121824)	352.97234m(09121824)
3727055.4	330.75148m(09121824)	336.09720m(09121824)	416.19127m(09121824)	342.51638m(09121824)	346.09572m(09121824)
3727045.4	369.15914m(09121824)	304.90527m(09121824)	307.60592m(09121824)	382.87202m(09121824)	389.94243m(09121824)
3727035.4	333.06976m(09121824)	322.19107m(09121824)	327.19272m(09121824)	350.86287m(09121824)	351.22921m(09121824)
3727025.4	279.70582m(09121824)	334.14586m(09121824)	343.42410m(09121824)	310.30733m(09121824)	352.20012m(09121824)
3727015.4	409.50170m(09121824)	340.84108m(09121824)	354.87599m(09121824)	370.88707m(09121824)	363.36753m(09121824)
3727005.4	391.49633m(09121824)	344.75121m(09121824)	347.44790m(09121824)	408.97233m(09121824)	354.29735m(09121824)
3726995.4	433.63532m(09121824)	438.57073m(09121824)	393.39684m(09121824)	393.77992m(09121824)	420.16653m(09121824)
3726985.4	404.84026m(09121824)	406.38241m(09121824)	424.54097m(09121824)	429.96399m(09121824)	448.70855m(09121824)
3726975.4	377.03977m(09121824)	376.76191m(09121824)	393.82882m(09121824)	429.00377m(09121824)	433.46658m(09121824)
3726965.4	354.48405m(09121824)	369.16701m(09121824)	386.26767m(09121824)	406.53384m(09121824)	431.04388m(09121824)
3726955.4	354.30776m(09121824)	369.63087m(09121824)	387.56107m(09121824)	409.17655m(09121824)	435.82141m(09121824)
3726945.4	374.35276m(09121824)	377.27382m(09121824)	396.75692m(09121824)	421.05504m(09121824)	452.39531m(09121824)
3726935.4	367.05230m(09121824)	390.74102m(09121824)	413.91839m(09121824)	442.59542m(09121824)	482.17710m(09121824)
3726925.4	378.37552m(09121824)	404.35357m(09121824)	437.05045m(09121824)	475.78303m(09121824)	529.82688m(09121824)
3726915.4	395.83281m(09121824)	426.16270m(09121824)	466.19903m(09121824)	536.32413m(09121824)	618.53993m(09121824)
3726905.4	420.69489m(09121824)	458.24018m(09121824)	511.43123m(09121824)	593.18229m(09121824)	634.46618m(09121824)
3726895.4	455.17824m(09121824)	504.79453m(09121824)	582.23441m(09121824)	718.87833m(09121824)	611.26222m(09121824)
3726885.4	515.78378m(09121824)	588.15889m(09121824)	715.46777m(09121824)	707.70555m(09121824)	608.87043m(09121824)
3726875.4	565.08994m(09121824)	698.36321m(09121824)	698.94161m(09121824)	614.16697m(09121824)	749.82136m(09121824)
3726865.4	670.92222m(09121824)	693.29164m(09121824)	620.69557m(09121824)	643.95578m(09121824)	698.75537m(09121824)
3726855.4	690.02921m(09121824)	627.26754m(09121824)	651.63405m(09121824)	719.14493m(09121824)	708.03494m(09121824)
3726845.4	619.68210m(09121824)	658.75494m(09121824)	741.50529m(09121824)	737.77316m(09121824)	671.14194m(09121824)
3726835.4	666.54853m(09121824)	648.89185m(09121824)	771.30765m(09121824)	706.88228m(09121824)	682.81389m(09121824)
3726825.4	669.45614m(09121824)	807.39996m(09121824)	748.31255m(09121824)	739.05640m(09121824)	636.89912m(09121824)
3726815.4	844.10336m(09121824)	793.90721m(09121824)	802.80115m(09121824)	666.94503m(09121824)	674.25294m(09121824)
3726805.4	727.41156m(09121824)	691.65546m(09121824)	575.63676m(09121824)	563.04176m(09121824)	593.53546m(09121824)
3726795.4	600.98125m(09121824)	586.54497m(09121824)	587.47433m(09121824)	554.68256m(09121824)	569.91521m(09121824)
3726785.4	589.35758m(09121824)	563.37187m(09121824)	577.07146m(09121824)	545.77217m(09121824)	532.34166m(09121824)
3726775.4	486.57471m(09121824)	551.18176m(09121824)	530.92304m(09121824)	618.47777m(09121824)	710.97226m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418455.94	418465.94	418475.94	418485.94	418495.94
3727065.4	355.25242m(09121824)	359.13629m(09121824)	348.06562m(09121824)	351.52247m(09121824)	337.74648m(09121824)
3727055.4	411.90560m(09121824)	398.67898m(09121824)	396.96360m(09121824)	396.02570m(09121824)	379.40303m(09121824)
3727045.4	332.17607m(09121824)	383.91355m(09121824)	368.14753m(09121824)	394.06117m(09121824)	440.11591m(09121824)
3727035.4	340.03419m(09121824)	340.89431m(09121824)	344.81488m(09121824)	344.23120m(09121824)	419.94734m(09121824)
3727025.4	359.16315m(09121824)	368.92509m(09121824)	364.60920m(09121824)	365.83299m(09121824)	383.01193m(09121824)
3727015.4	375.19411m(09121824)	326.50112m(09121824)	381.25298m(09121824)	388.09423m(09121824)	415.21146m(09121824)
3727005.4	370.38783m(09121824)	396.81929m(09121824)	396.43008m(09121824)	410.48382m(09121824)	441.56094m(09121824)
3726995.4	430.95085m(09121824)	449.99609m(09121824)	408.18911m(09121824)	433.70349m(09121824)	455.46211m(09121824)
3726985.4	471.53943m(09121824)	499.08511m(09121824)	533.10624m(09121824)	500.41504m(09121824)	557.34070m(09121824)
3726975.4	455.36025m(09121824)	482.78383m(09121824)	518.41680m(09121824)	566.65036m(09121824)	649.66283m(09121824)
3726965.4	457.47258m(09121824)	488.45596m(09121824)	532.13519m(09121824)	597.64415m(09121824)	722.94448m(09121824)
3726955.4	469.83071m(09121824)	527.07153m(09121824)	588.47764m(09121824)	692.18327m(09121824)	709.26999m(09121824)
3726945.4	494.91712m(09121824)	570.32458m(09121824)	666.79785m(09121824)	677.23532m(09121824)	607.02499m(09121824)
3726935.4	540.48999m(09121824)	649.84536m(09121824)	663.97865m(09121824)	604.37956m(09121824)	605.11015m(09121824)
3726925.4	618.15997m(09121824)	670.23642m(09121824)	603.89321m(09121824)	602.18264m(09121824)	684.80553m(09121824)
3726915.4	643.05878m(09121824)	605.09565m(09121824)	601.12357m(09121824)	693.61684m(09121824)	692.52710m(09121824)
3726905.4	592.80974m(09121824)	602.53969m(09121824)	705.38075m(09121824)	710.78831m(09121824)	609.29072m(09121824)
3726895.4	604.91809m(09121824)	718.05835m(09121824)	732.52171m(09121824)	623.95709m(09121824)	566.32297m(09121824)
3726885.4	732.98001m(09121824)	756.91620m(09121824)	640.77350m(09121824)	581.02528m(09121824)	547.23341m(09121824)
3726875.4	783.99893m(09121824)	660.22830m(09121824)	598.13873m(09121824)	564.18073m(09121824)	545.75209m(09121824)
3726865.4	682.47256m(09121824)	618.04450m(09121824)	584.46143m(09121824)	567.41030m(09121824)	561.07246m(09121824)
3726855.4	642.11007m(09121824)	609.26913m(09121824)	594.35824m(09121824)	591.09419m(09121824)	596.56708m(09121824)
3726845.4	640.94072m(09121824)	630.02112m(09121824)	631.31180m(09121824)	642.54019m(09121824)	662.68723m(09121824)
3726835.4	680.23470m(09121824)	691.62754m(09121824)	711.68873m(09121824)	622.42590m(09121824)	655.25988m(09121824)
3726825.4	650.11458m(09121824)	642.31493m(09121824)	549.53318m(09121824)	571.23528m(09121824)	587.71466m(09121824)
3726815.4	550.60763m(09121824)	578.06112m(09121824)	565.10553m(09121824)	580.15908m(09121824)	616.55886m(09121824)
3726805.4	554.64973m(09121824)	570.11838m(09121824)	571.82650m(09121824)	571.99856m(09121824)	622.78595m(09121824)
3726795.4	551.76053m(09121824)	545.81679m(09121824)	559.34141m(09121824)	551.52372m(09121824)	671.64902m(09121824)
3726785.4	632.27039m(09121824)	516.33547m(09121824)	597.47007m(09121824)	700.64311m(09121824)	701.38180m(09121824)
3726775.4	655.06374m(09121824)	622.12157m(09121824)	605.68246m(09121824)	602.34103m(09121824)	613.04033m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418505.94	418515.94	418525.94	418535.94	418545.94
3727065.4	339.55733m(09121824)	343.57681m(09121824)	350.83879m(09121824)	347.43537m(09121824)	373.34202m(09121824)
3727055.4	377.67683m(09121824)	378.70096m(09121824)	383.68403m(09121824)	394.42546m(09121824)	427.17314m(09121824)
3727045.4	432.00369m(09121824)	427.04472m(09121824)	428.25155m(09121824)	438.34262m(09121824)	460.93941m(09121824)
3727035.4	416.42774m(09121824)	424.07895m(09121824)	491.37853m(09121824)	499.85786m(09121824)	529.70149m(09121824)
3727025.4	394.51358m(09121824)	413.42269m(09121824)	416.97163m(09121824)	499.99429m(09121824)	580.56537m(09121824)
3727015.4	415.10554m(09121824)	423.69076m(09121824)	466.54856m(09121824)	577.14654m(09121824)	538.51763m(09121824)
3727005.4	436.88863m(09121824)	453.31343m(09121824)	506.97867m(09121824)	553.52005m(09121824)	519.08979m(09121824)
3726995.4	467.90001m(09121824)	495.68484m(09121824)	554.62645m(09121824)	564.90072m(09121824)	496.68718m(09121824)
3726985.4	537.10536m(09121824)	658.57149m(09121824)	612.51482m(09121824)	568.80504m(09121824)	563.74121m(09121824)
3726975.4	758.45477m(09121824)	633.02164m(09121824)	532.07480m(09121824)	613.33013m(09121824)	611.94490m(09121824)
3726965.4	725.62310m(09121824)	601.68713m(09121824)	579.93670m(09121824)	669.41868m(09121824)	582.99340m(09121824)
3726955.4	610.37924m(09121824)	610.75808m(09121824)	662.18127m(09121824)	655.64908m(09121824)	550.42886m(09121824)
3726945.4	609.32851m(09121824)	671.24623m(09121824)	657.14984m(09121824)	587.04197m(09121824)	558.24377m(09121824)
3726935.4	677.73693m(09121824)	665.60738m(09121824)	583.96552m(09121824)	541.64258m(09121824)	521.89167m(09121824)
3726925.4	677.51757m(09121824)	588.72506m(09121824)	540.13911m(09121824)	512.87556m(09121824)	499.31593m(09121824)
3726915.4	597.46559m(09121824)	545.26787m(09121824)	514.48124m(09121824)	496.62480m(09121824)	487.68230m(09121824)
3726905.4	554.31092m(09121824)	521.87609m(09121824)	502.25986m(09121824)	491.07529m(09121824)	486.15323m(09121824)
3726895.4	532.99391m(09121824)	513.09427m(09121824)	501.54765m(09121824)	495.96877m(09121824)	494.82803m(09121824)
3726885.4	527.66777m(09121824)	517.11938m(09121824)	512.44260m(09121824)	512.27748m(09121824)	515.55432m(09121824)
3726875.4	536.85622m(09121824)	534.61846m(09121824)	537.19726m(09121824)	543.18491m(09121824)	552.13498m(09121824)
3726865.4	562.17336m(09121824)	569.12354m(09121824)	580.60893m(09121824)	595.61704m(09121824)	613.20194m(09121824)
3726855.4	609.37949m(09121824)	628.82703m(09121824)	654.13061m(09121824)	684.19152m(09121824)	717.61449m(09121824)
3726845.4	693.04458m(09121824)	733.46788m(09121824)	671.04192m(09121824)	695.33450m(09121824)	621.46377m(09121824)
3726835.4	682.92746m(09121824)	715.88799m(09121824)	640.72659m(09121824)	821.53026m(09121824)	725.27648m(09121824)
3726825.4	607.69919m(09121824)	681.75890m(09121824)	714.60545m(09121824)	599.78154m(09121824)	602.30193m(09121824)
3726815.4	625.79889m(09121824)	713.76944m(09121824)	793.02229m(09121824)	621.42867m(09121824)	657.03613m(09121824)
3726805.4	626.78607m(09121824)	705.78049m(09121824)	613.27777m(09121824)	665.43955m(09121824)	601.49187m(09121824)
3726795.4	713.99180m(09121824)	769.75996m(09121824)	1001.95931m(09121824)	661.61898m(09121824)	664.97501m(09121824)
3726785.4	721.91034m(09121824)	775.78110m(09121824)	892.15208m(09121824)	832.01379m(09121824)	661.02910m(09121824)
3726775.4	641.82932m(09121824)	698.98091m(09121824)	806.43564m(09121824)	738.63425m(09121824)	638.64269m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418555.94	418565.94	418575.94	418585.94	418595.94
3727065.4	392.75083m(09121824)	426.54005m(09121824)	486.03871m(09121824)	520.78917m(09121824)	464.93239m(09121824)
3727055.4	454.11323m(09121824)	504.68541m(09121824)	620.19647m(09121824)	476.77154m(09121824)	407.54834m(09121824)
3727045.4	516.25472m(09121824)	601.58718m(09121824)	493.01894m(09121824)	427.03517m(09121824)	476.70859m(09121824)
3727035.4	612.15935m(09121824)	516.08539m(09121824)	452.31397m(09121824)	504.92240m(09121824)	542.03248m(09121824)
3727025.4	552.29079m(09121824)	579.55270m(09121824)	541.37626m(09121824)	586.62180m(09121824)	559.68317m(09121824)
3727015.4	551.09483m(09121824)	531.08212m(09121824)	646.40397m(09121824)	615.38420m(09121824)	515.54876m(09121824)
3727005.4	455.98505m(09121824)	521.65004m(09121824)	627.11728m(09121824)	578.44660m(09121824)	502.90527m(09121824)
3726995.4	519.23052m(09121824)	591.67203m(09121824)	503.68116m(09121824)	507.60687m(09121824)	453.26260m(09121824)
3726985.4	559.56601m(09121824)	507.55308m(09121824)	467.82986m(09121824)	501.02877m(09121824)	460.68659m(09121824)
3726975.4	503.54994m(09121824)	473.48663m(09121824)	457.30341m(09121824)	441.10735m(09121824)	405.85863m(09121824)
3726965.4	480.00782m(09121824)	461.64999m(09121824)	398.87105m(09121824)	428.28989m(09121824)	406.76487m(09121824)
3726955.4	466.55143m(09121824)	514.90227m(09121824)	440.75871m(09121824)	422.45539m(09121824)	414.78702m(09121824)
3726945.4	556.05581m(09121824)	491.84150m(09121824)	430.05994m(09121824)	423.70817m(09121824)	429.83711m(09121824)
3726935.4	517.96686m(09121824)	527.21183m(09121824)	484.24886m(09121824)	484.28851m(09121824)	430.05158m(09121824)
3726925.4	495.94711m(09121824)	501.45153m(09121824)	516.40966m(09121824)	473.56745m(09121824)	429.41074m(09121824)
3726915.4	485.74890m(09121824)	490.23559m(09121824)	501.09987m(09121824)	519.47701m(09121824)	547.64529m(09121824)
3726905.4	486.25510m(09121824)	491.04734m(09121824)	500.84628m(09121824)	516.30673m(09121824)	539.24604m(09121824)
3726895.4	497.63139m(09121824)	504.11730m(09121824)	514.86957m(09121824)	530.72104m(09121824)	553.58325m(09121824)
3726885.4	521.84771m(09121824)	531.58221m(09121824)	545.41555m(09121824)	564.79765m(09121824)	592.76058m(09121824)
3726875.4	563.81358m(09121824)	578.90285m(09121824)	599.02788m(09121824)	626.89664m(09121824)	668.30273m(09121824)
3726865.4	633.66414m(09121824)	658.81759m(09121824)	692.85106m(09121824)	626.93288m(09121824)	632.88150m(09121824)
3726855.4	641.41041m(09121824)	563.30958m(09121824)	669.46732m(09121824)	560.59391m(09121824)	551.50305m(09121824)
3726845.4	748.10453m(09121824)	624.57121m(09121824)	610.67465m(09121824)	611.88649m(09121824)	565.07891m(09121824)
3726835.4	738.20259m(09121824)	715.63004m(09121824)	655.31732m(09121824)	643.76781m(09121824)	580.94529m(09121824)
3726825.4	598.70924m(09121824)	621.71577m(09121824)	718.76067m(09121824)	650.98718m(09121824)	685.89694m(09121824)
3726815.4	651.20369m(09121824)	740.55226m(09121824)	899.15558m(09121824)	871.78828m(09121824)	757.53681m(09121824)
3726805.4	717.30931m(09121824)	686.02022m(09121824)	1035.35501m(09121824)	844.01712m(09121824)	727.04125m(09121824)
3726795.4	671.12154m(09121824)	668.04885m(09121824)	836.75887m(09121824)	865.96996m(09121824)	734.06024m(09121824)
3726785.4	723.04969m(09121824)	728.76803m(09121824)	872.97108m(09121824)	926.12935m(09121824)	768.79104m(09121824)
3726775.4	659.03049m(09121824)	661.97818m(09121824)	654.47818m(09121824)	790.38834m(09121824)	834.45841m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418605.94	418615.94	418625.94	418635.94	418645.94
3727065.4	491.96123m(09121824)	433.83482m(09121824)	527.85459m(09121824)	429.49276m(09121824)	371.07817m(09121824)
3727055.4	453.48578m(09121824)	564.32696m(09121824)	454.57782m(09121824)	390.54098m(09121824)	347.71478m(09121824)
3727045.4	506.35211m(09121824)	483.27873m(09121824)	413.23859m(09121824)	366.72204m(09121824)	332.95078m(09121824)
3727035.4	517.40888m(09121824)	439.87428m(09121824)	389.30473m(09121824)	352.64227m(09121824)	324.36424m(09121824)
3727025.4	472.63865m(09121824)	416.70869m(09121824)	376.62998m(09121824)	345.66916m(09121824)	320.65484m(09121824)
3727015.4	452.17933m(09121824)	406.94766m(09121824)	372.38688m(09121824)	344.51060m(09121824)	321.27162m(09121824)
3727005.4	449.08109m(09121824)	408.18735m(09121824)	375.70286m(09121824)	348.81588m(09121824)	326.06781m(09121824)
3726995.4	462.41726m(09121824)	420.27291m(09121824)	386.63669m(09121824)	358.85476m(09121824)	335.28919m(09121824)
3726985.4	431.75991m(09121824)	445.47131m(09121824)	406.97665m(09121824)	375.75116m(09121824)	349.70927m(09121824)
3726975.4	383.66108m(09121824)	414.19492m(09121824)	440.21088m(09121824)	401.66450m(09121824)	370.81531m(09121824)
3726965.4	395.10536m(09121824)	435.54568m(09121824)	412.15902m(09121824)	440.37411m(09121824)	401.30825m(09121824)
3726955.4	418.39077m(09121824)	391.11171m(09121824)	370.54296m(09121824)	414.72994m(09121824)	381.98221m(09121824)
3726945.4	417.53357m(09121824)	398.40255m(09121824)	388.25717m(09121824)	441.59828m(09121824)	415.00086m(09121824)
3726935.4	417.96103m(09121824)	412.74330m(09121824)	416.40875m(09121824)	404.54419m(09121824)	379.07454m(09121824)
3726925.4	428.67291m(09121824)	436.02788m(09121824)	442.04431m(09121824)	420.64160m(09121824)	405.41477m(09121824)
3726915.4	502.80690m(09121824)	516.09628m(09121824)	458.44712m(09121824)	453.94347m(09121824)	449.86732m(09121824)
3726905.4	573.15923m(09121824)	540.53680m(09121824)	503.74113m(09121824)	522.53629m(09121824)	420.71568m(09121824)
3726895.4	586.83645m(09121824)	636.59745m(09121824)	518.47189m(09121824)	507.17210m(09121824)	429.83125m(09121824)
3726885.4	634.79837m(09121824)	591.53876m(09121824)	501.92318m(09121824)	440.12374m(09121824)	460.14061m(09121824)
3726875.4	508.60815m(09121824)	629.24993m(09121824)	511.21465m(09121824)	493.11551m(09121824)	493.86389m(09121824)
3726865.4	530.37555m(09121824)	523.13256m(09121824)	434.30243m(09121824)	493.43982m(09121824)	472.00395m(09121824)
3726855.4	570.18321m(09121824)	522.22996m(09121824)	509.08563m(09121824)	592.82304m(09121824)	559.88513m(09121824)
3726845.4	561.07551m(09121824)	526.98928m(09121824)	489.29375m(09121824)	550.12350m(09121824)	603.82884m(09121824)
3726835.4	544.62258m(09121824)	603.37362m(09121824)	565.56906m(09121824)	596.62119m(09121824)	538.44330m(09121824)
3726825.4	746.12984m(09121824)	662.74150m(09121824)	594.83807m(09121824)	540.87596m(09121824)	498.44195m(09121824)
3726815.4	672.53088m(09121824)	606.57609m(09121824)	553.36912m(09121824)	509.73387m(09121824)	474.13106m(09121824)
3726805.4	645.33667m(09121824)	583.51354m(09121824)	534.16159m(09121824)	493.84670m(09121824)	460.63354m(09121824)
3726795.4	645.46718m(09121824)	580.41667m(09121824)	529.93649m(09121824)	489.11800m(09121824)	455.62031m(09121824)
3726785.4	666.54996m(09121824)	593.46341m(09121824)	537.93251m(09121824)	493.95371m(09121824)	458.03463m(09121824)
3726775.4	709.53152m(09121824)	622.94743m(09121824)	558.47389m(09121824)	508.24821m(09121824)	467.95743m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

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

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

Y-COORD (METERS)	X-COORD (METERS) 418655.94	418665.94	418675.94	418685.94	418695.94
3727065.4	331.24227m(09121824)	301.80117m(09121824)	278.67903m(09121824)	259.72580m(09121824)	243.75749m(09121824)
3727055.4	316.22929m(09121824)	291.68114m(09121824)	271.66918m(09121824)	254.82014m(09121824)	240.32455m(09121824)
3727045.4	306.68502m(09121824)	285.35053m(09121824)	267.46819m(09121824)	252.08033m(09121824)	238.61155m(09121824)
3727035.4	301.38599m(09121824)	282.17783m(09121824)	265.70303m(09121824)	251.27875m(09121824)	238.47418m(09121824)
3727025.4	299.72140m(09121824)	281.80667m(09121824)	266.17361m(09121824)	252.29830m(09121824)	239.82533m(09121824)
3727015.4	301.39166m(09121824)	284.09811m(09121824)	268.81087m(09121824)	255.09331m(09121824)	242.65271m(09121824)
3727005.4	306.37402m(09121824)	289.07291m(09121824)	273.64827m(09121824)	259.70704m(09121824)	247.00535m(09121824)
3726995.4	314.85593m(09121824)	296.91623m(09121824)	280.83479m(09121824)	266.27536m(09121824)	252.99441m(09121824)
3726985.4	327.47408m(09121824)	307.99826m(09121824)	290.67234m(09121824)	275.02781m(09121824)	260.80115m(09121824)
3726975.4	345.13501m(09121824)	323.06596m(09121824)	303.66687m(09121824)	286.33163m(09121824)	270.69265m(09121824)
3726965.4	369.66295m(09121824)	343.27374m(09121824)	320.67938m(09121824)	300.76183m(09121824)	283.06938m(09121824)
3726955.4	404.23077m(09121824)	370.74058m(09121824)	342.98478m(09121824)	319.23451m(09121824)	298.55017m(09121824)
3726945.4	453.98490m(09121824)	409.00206m(09121824)	372.97045m(09121824)	343.16270m(09121824)	318.05665m(09121824)
3726935.4	361.27910m(09121824)	390.06774m(09121824)	414.75797m(09121824)	375.03111m(09121824)	343.07641m(09121824)
3726925.4	393.83764m(09121824)	427.01183m(09121824)	399.28698m(09121824)	418.80938m(09121824)	376.24827m(09121824)
3726915.4	441.43906m(09121824)	396.55396m(09121824)	365.06696m(09121824)	395.55064m(09121824)	358.77671m(09121824)
3726905.4	480.24003m(09121824)	428.82952m(09121824)	394.42469m(09121824)	426.57850m(09121824)	392.98291m(09121824)
3726895.4	399.46259m(09121824)	476.12547m(09121824)	433.49827m(09121824)	384.93439m(09121824)	348.24417m(09121824)
3726885.4	419.58567m(09121824)	401.68577m(09121824)	445.74227m(09121824)	391.55172m(09121824)	362.00121m(09121824)
3726875.4	495.19384m(09121824)	466.32418m(09121824)	440.76470m(09121824)	396.93404m(09121824)	378.75332m(09121824)
3726865.4	555.44561m(09121824)	551.16674m(09121824)	431.00029m(09121824)	400.34197m(09121824)	387.97289m(09121824)
3726855.4	607.13702m(09121824)	557.98253m(09121824)	469.81421m(09121824)	447.31907m(09121824)	369.72001m(09121824)
3726845.4	541.43760m(09121824)	505.98936m(09121824)	491.82446m(09121824)	425.61623m(09121824)	358.67030m(09121824)
3726835.4	496.44643m(09121824)	468.72527m(09121824)	453.71199m(09121824)	451.07624m(09121824)	462.83943m(09121824)
3726825.4	465.77224m(09121824)	442.06062m(09121824)	426.79931m(09121824)	419.97337m(09121824)	422.61644m(09121824)
3726815.4	445.55541m(09121824)	423.54755m(09121824)	407.77498m(09121824)	398.20848m(09121824)	395.30021m(09121824)
3726805.4	433.40183m(09121824)	411.58277m(09121824)	394.85044m(09121824)	383.07145m(09121824)	376.45338m(09121824)
3726795.4	427.90444m(09121824)	405.16842m(09121824)	386.97403m(09121824)	373.08176m(09121824)	363.51496m(09121824)
3726785.4	428.37104m(09121824)	403.75263m(09121824)	383.53812m(09121824)	367.35361m(09121824)	355.11416m(09121824)
3726775.4	434.71654m(09121824)	407.15818m(09121824)	384.23903m(09121824)	365.45830m(09121824)	350.45220m(09121824)

**MODELOPTs: RegDFAULT CONC ELEV

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0003862 , L0003863 , L0003864 , L0003865 , L0003866 ,
L0003867 , L0003868 , L0003869 , L0003870 , L0003138 , L0003139 , L0003140 , L0003141 ,
L0003142 , L0003143 , L0003144 , L0003145 , L0003146 , L0003147 , L0003148 , L0003149 ,
L0003150 , L0003151 , L0003152 , L0003153 , L0003154 , L0003155 , L0003156 , . . . ,

*** 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)
418554.30	3726952.94	524.11365m	(09121824)	418588.83	3726936.99	487.88619m	(09121824)
418621.06	3726898.60	659.92365m	(09121824)	418540.35	3726921.02	498.07338m	(09121824)
418517.77	3726916.44	541.28798m	(09121824)	418553.95	3726903.64	487.00341m	(09121824)
418569.20	3726897.12	503.94106m	(09121824)	418595.63	3726869.12	607.38462m	(09121824)
418474.33	3726881.10	628.37224m	(09121824)	418522.17	3726860.74	603.43958m	(09121824)
418450.23	3726839.32	664.52744m	(09121824)	418483.59	3726835.57	620.05764m	(09121824)
418436.23	3726824.73	744.61563m	(09121824)	418425.80	3726805.10	576.07943m	(09121824)
418595.95	3726915.31	547.39002m	(09121824)	418426.14	3726814.62	583.36526m	(09121824)
418536.67	3726953.06	631.96045m	(09121824)	418556.00	3726851.05	683.00723m	(09121824)
418418.06	3726821.00	779.30643m	(09121824)	418550.08	3726960.90	492.11236m	(09121824)
418422.83	3726819.47	770.62575m	(09121824)				

**MODELOPTs: RegDFAULT CONC ELEV

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
55C	1ST HIGHEST VALUE IS	1.86796 AT (	418695.94,	3727065.45,	8.40,	8.40,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	1.85383 AT (	418685.94,	3727065.45,	8.30,	8.30,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	1.84361 AT (	418695.94,	3727055.45,	8.40,	8.40,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	1.83969 AT (	418675.94,	3727065.45,	8.20,	8.20,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	1.82989 AT (	418685.94,	3727055.45,	8.30,	8.30,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	1.82553 AT (	418665.94,	3727065.45,	8.10,	8.10,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	1.81869 AT (	418695.94,	3727045.45,	8.50,	8.50,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	1.81618 AT (	418675.94,	3727055.45,	8.20,	8.20,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	1.81038 AT (	418655.94,	3727065.45,	8.10,	8.10,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	1.80638 AT (	418685.94,	3727045.45,	8.30,	8.30,	0.00)	GC	UCART1
55OFF	1ST HIGHEST VALUE IS	328.41960 AT (	418365.94,	3726775.45,	6.20,	6.20,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	314.45463 AT (	418355.94,	3726805.45,	6.10,	6.10,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	313.58969 AT (	418375.94,	3726785.45,	6.30,	6.30,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	310.35399 AT (	418455.94,	3726875.45,	7.10,	7.10,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	304.50365 AT (	418435.94,	3726895.45,	7.10,	7.10,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	303.54058 AT (	418355.94,	3726775.45,	6.10,	6.10,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	299.86283 AT (	418385.94,	3726795.45,	6.50,	6.50,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	295.00695 AT (	418465.94,	3726885.45,	7.30,	7.30,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	292.59722 AT (	418425.94,	3726885.45,	7.00,	7.00,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	292.53725 AT (	418445.94,	3726875.45,	7.10,	7.10,	0.00)	GC	UCART1
55ON	1ST HIGHEST VALUE IS	245.41736 AT (	418575.94,	3727055.45,	8.90,	8.90,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	242.45350 AT (	418615.94,	3727055.45,	8.60,	8.60,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	228.98007 AT (	418625.94,	3727065.45,	8.50,	8.50,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	221.14562 AT (	418565.94,	3727045.45,	8.80,	8.80,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	195.98057 AT (	418585.94,	3727025.45,	9.00,	9.00,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	195.51684 AT (	418575.94,	3727015.45,	8.80,	8.80,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	195.33986 AT (	418555.94,	3727035.45,	8.60,	8.60,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	193.99271 AT (	418585.94,	3727015.45,	8.90,	8.90,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	192.82049 AT (	418585.94,	3727065.45,	9.00,	9.00,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	192.02241 AT (	418595.94,	3727035.45,	8.80,	8.80,	0.00)	GC	UCART1
BRIGGS	1ST HIGHEST VALUE IS	426.13841 AT (	418585.94,	3726785.45,	8.00,	8.00,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	403.83813 AT (	418575.94,	3726805.45,	7.90,	7.90,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	391.91675 AT (	418595.94,	3726775.45,	8.00,	8.00,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	376.87402 AT (	418575.94,	3726785.45,	7.90,	7.90,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	354.33990 AT (	418585.94,	3726795.45,	8.00,	8.00,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	353.45724 AT (	418585.94,	3726775.45,	8.00,	8.00,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	327.76049 AT (	418525.94,	3726795.45,	7.30,	7.30,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	326.36906 AT (	418595.94,	3726785.45,	8.00,	8.00,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	321.17305 AT (	418525.94,	3726785.45,	7.30,	7.30,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	318.04724 AT (	418575.94,	3726795.45,	7.90,	7.90,	0.00)	GC	UCART1

**MODELOPTs: RegDFAULT CONC ELEV

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
EBAKER	1ST HIGHEST VALUE IS	162.87889 AT (	418425.94,	3727055.45,	7.30,	7.30,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	147.05679 AT (	418355.94,	3727065.45,	7.00,	7.00,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	145.85232 AT (	418415.94,	3726995.45,	6.90,	6.90,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	145.50316 AT (	418365.94,	3727065.45,	7.10,	7.10,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	143.82768 AT (	418375.94,	3727065.45,	7.10,	7.10,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	143.78559 AT (	418405.94,	3727015.45,	7.00,	7.00,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	143.01738 AT (	418375.94,	3727045.45,	7.10,	7.10,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	142.25580 AT (	418405.94,	3726995.45,	6.90,	6.90,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	140.90194 AT (	418375.94,	3727015.45,	6.90,	6.90,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	140.80452 AT (	418385.94,	3727065.45,	7.20,	7.20,	0.00)	GC	UCART1
PULL	1ST HIGHEST VALUE IS	295.28026 AT (	418445.94,	3726775.45,	7.00,	7.00,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	275.13709 AT (	418425.94,	3726815.45,	7.00,	7.00,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	261.16624 AT (	418555.94,	3726805.45,	7.70,	7.70,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	256.33590 AT (	418485.94,	3726785.45,	7.00,	7.00,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	255.85025 AT (	418455.94,	3726775.45,	7.00,	7.00,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	252.48896 AT (	418605.94,	3726825.45,	8.00,	8.00,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	252.02746 AT (	418525.94,	3726795.45,	7.30,	7.30,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	250.21576 AT (	418515.94,	3726845.45,	7.20,	7.20,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	249.72412 AT (	418475.94,	3726835.45,	7.00,	7.00,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	249.06909 AT (	418585.94,	3726815.45,	8.00,	8.00,	0.00)	GC	UCART1
WBAKER	1ST HIGHEST VALUE IS	153.01748 AT (	418621.06,	3726898.60,	8.00,	8.00,	0.00)	DC	
	2ND HIGHEST VALUE IS	150.97621 AT (	418695.94,	3726835.45,	8.50,	8.50,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	148.69591 AT (	418655.94,	3726945.45,	8.00,	8.00,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	145.63062 AT (	418645.94,	3726875.45,	8.00,	8.00,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	141.02548 AT (	418655.94,	3726865.45,	8.00,	8.00,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	138.68204 AT (	418685.94,	3726925.45,	8.30,	8.30,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	136.94763 AT (	418595.94,	3726915.45,	8.00,	8.00,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	136.54703 AT (	418595.95,	3726915.31,	8.00,	8.00,	0.00)	DC	
	9TH HIGHEST VALUE IS	135.64352 AT (	418665.94,	3726855.45,	8.10,	8.10,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	133.72387 AT (	418605.94,	3726905.45,	8.00,	8.00,	0.00)	GC	UCART1
55A	1ST HIGHEST VALUE IS	2.60511 AT (	418355.94,	3726775.45,	6.10,	6.10,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	2.57510 AT (	418365.94,	3726775.45,	6.20,	6.20,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	2.57033 AT (	418355.94,	3726785.45,	6.10,	6.10,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	2.54540 AT (	418375.94,	3726775.45,	6.30,	6.30,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	2.54126 AT (	418365.94,	3726785.45,	6.20,	6.20,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	2.53608 AT (	418355.94,	3726795.45,	6.10,	6.10,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	2.51971 AT (	418385.94,	3726775.45,	6.50,	6.50,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	2.51247 AT (	418375.94,	3726785.45,	6.30,	6.30,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	2.50792 AT (	418365.94,	3726795.45,	6.20,	6.20,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	2.50234 AT (	418355.94,	3726805.45,	6.10,	6.10,	0.00)	GC	UCART1

**MODELOPTs: RegDFAULT CONC ELEV

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

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

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
55B	1ST HIGHEST VALUE IS	41.99213 AT (	418465.94,	3726925.45,	7.50,	7.50,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	40.41340 AT (	418525.94,	3726995.45,	8.20,	8.20,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	40.12665 AT (	418575.94,	3727055.45,	8.90,	8.90,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	39.53789 AT (	418445.94,	3726895.45,	7.10,	7.10,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	39.42218 AT (	418355.94,	3726785.45,	6.10,	6.10,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	39.25334 AT (	418585.94,	3727065.45,	9.00,	9.00,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	39.21917 AT (	418375.94,	3726945.45,	6.40,	6.40,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	38.86395 AT (	418495.94,	3726955.45,	7.90,	7.90,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	38.56073 AT (	418545.94,	3727015.45,	8.50,	8.50,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	38.53274 AT (	418455.94,	3727045.45,	7.50,	7.50,	0.00)	GC	UCART1
ALL	1ST HIGHEST VALUE IS	708.49834 AT (	418575.94,	3726805.45,	7.90,	7.90,	0.00)	GC	UCART1
	2ND HIGHEST VALUE IS	682.17691 AT (	418525.94,	3726795.45,	7.30,	7.30,	0.00)	GC	UCART1
	3RD HIGHEST VALUE IS	638.22187 AT (	418365.94,	3726775.45,	6.20,	6.20,	0.00)	GC	UCART1
	4TH HIGHEST VALUE IS	632.29829 AT (	418585.94,	3726785.45,	8.00,	8.00,	0.00)	GC	UCART1
	5TH HIGHEST VALUE IS	629.84610 AT (	418375.94,	3726785.45,	6.30,	6.30,	0.00)	GC	UCART1
	6TH HIGHEST VALUE IS	618.35154 AT (	418385.94,	3726795.45,	6.50,	6.50,	0.00)	GC	UCART1
	7TH HIGHEST VALUE IS	614.62520 AT (	418575.94,	3726815.45,	7.90,	7.90,	0.00)	GC	UCART1
	8TH HIGHEST VALUE IS	605.15379 AT (	418525.94,	3726785.45,	7.30,	7.30,	0.00)	GC	UCART1
	9TH HIGHEST VALUE IS	598.08645 AT (	418395.94,	3726805.45,	6.60,	6.60,	0.00)	GC	UCART1
	10TH HIGHEST VALUE IS	594.92716 AT (	418585.94,	3726815.45,	8.00,	8.00,	0.00)	GC	UCART1

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

**MODELOPTs: RegDFAULT CONC ELEV

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

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

GROUP ID			AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
55C	HIGH	1ST HIGH VALUE IS	3.00479	ON 06010624:	AT (418695.94, 3727065.45, 8.40, 8.40, 0.00)	GC	UCART1
55OFF	HIGH	1ST HIGH VALUE IS	476.44932	ON 06120724:	AT (418365.94, 3726775.45, 6.20, 6.20, 0.00)	GC	UCART1
55ON	HIGH	1ST HIGH VALUE IS	357.25817	ON 06120724:	AT (418575.94, 3727055.45, 8.90, 8.90, 0.00)	GC	UCART1
BRIGGS	HIGH	1ST HIGH VALUE IS	616.93056m	ON 09121824:	AT (418585.94, 3726785.45, 8.00, 8.00, 0.00)	GC	UCART1
EBAKER	HIGH	1ST HIGH VALUE IS	237.21555m	ON 09121824:	AT (418425.94, 3727055.45, 7.30, 7.30, 0.00)	GC	UCART1
PULL	HIGH	1ST HIGH VALUE IS	431.37193m	ON 09121824:	AT (418445.94, 3726775.45, 7.00, 7.00, 0.00)	GC	UCART1
WBAKER	HIGH	1ST HIGH VALUE IS	226.37784m	ON 09121824:	AT (418621.06, 3726898.60, 8.00, 8.00, 0.00)	DC	
55A	HIGH	1ST HIGH VALUE IS	6.55718m	ON 05012124:	AT (418415.94, 3726785.45, 6.90, 6.90, 0.00)	GC	UCART1
55B	HIGH	1ST HIGH VALUE IS	62.39853m	ON 09121824:	AT (418465.94, 3726925.45, 7.50, 7.50, 0.00)	GC	UCART1
ALL	HIGH	1ST HIGH VALUE IS	1035.35501m	ON 09121824:	AT (418575.94, 3726805.45, 7.90, 7.90, 0.00)	GC	UCART1

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

**MODELOPTs: RegDFAULT CONC ELEV

*** 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 2225 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 0 Calm Hours Identified

A Total of 2225 Missing Hours Identified (5.08 Percent)

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

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

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